

```

name: <unnamed>
log: \\smb-isl01.fsu.edu\citrix\shsu\Desktop\animals\2025_06_19_log2.smcl
log type: smcl
opened on: 20 Jun 2025, 11:06:41

```

```
. use "\\smb-isl01.fsu.edu\citrix\shsu\Desktop\animals\animal products data 06_19_2025_fixed_ed_682.dta"
```

```
. summarize
```

Variable	Obs	Mean	Std. dev.	Min	Max
StartDate	0				
EndDate	0				
Status	0				
IPAddress	0				
Progress	0				
Durationin~s	0				
Finished	0				
RecordedDate	0				
ResponseId	0				
RecipientL~e	0				
RecipientF~e	0				
RecipientE~l	0				
ExternalRe~e	0				
LocationLa~e	0				
LocationLo~e	0				
Distributi~l	0				
UserLanguage	0				
Q_Recaptch~e	0				
Q_Relev~cate	0				
Q_Rel~eScore	0				
Q_Rel~dScore	0				
Q_Relev~Date	0				
Age	0				
age	682	58.80938	14.15092	20	88
Meatpurcha~s	0				
Intro	0				
PracticeRo~1	0				
Practicero~2	0				
PR2Redo	0				
PorkVSALWTP	0				
VSALDouble	0				
VSALHalf	0				
VSALConfid~1	0				
vsal_confid	682	8.105572	1.916923	1	10
VSLWTP	0				
VSLDouble	0				
VSLHalf	0				
VSALconf_1	0				
vs1_confid	682	8.156891	1.932112	1	10
EnviroWTP	0				
Greendouble	0				
Greenhalf	0				
Greenconf_1	0				
Married	0				
Gender	0				
Kids	0				

Race	0				
Citizenship	0				
Religion	0				
FullTimeSt~t	0				
Major Work	0				
WorkinAg	0				
NearFarm	0				
Well	0				
Vegetarian	0				
Area	0				
Education	0				
Q175	0				
State	0				
Groceries	0				
Politicala~o	0				
Lean	0				
Vote	0				
Enviro	0				
Club	0				
WaterSports	0				
FactoryFarm	0				
AnimalWelf~1	0				
Reason	0				
Consequent~1	0				
Credibilit~1	0				
Riskymoney	0				
Smoker	0				
StudyClarity	0				
VSALPrice	0				
VSLPrice	0				
EnvPrice	0				
VSALbid	0				
vsalbid	682	3.953079	2.629467	0	8
VSALdouble	0				
vsal_double~d	682	7.906158	5.258933	0	16
VSLbid	0				
vslbid	682	4.05132	2.608358	0	8
VSLdouble	0				
vsl_double~d	682	8.102639	5.216715	0	16
Envbid	0				
Envdouble	0				
VSALhalf	0				
vsal_half~d	682	1.97654	1.314733	0	4
VSLhalf	0				
vsl_half_bid	682	2.02566	1.304179	0	4
Envhalf	0				
opp	0				
QPMD	0				
Q_TotalDur~n	0				
Q_BallotBo~g	0				
ProjectToken	0				
SVID	0				
transactio~d	0				
rid	0				
RISN	0				

V	0				
PID	0				
psid	0				
K2	0				
cintid	0				
orderNumber	0				
ID	0				
p	0				
vendors	0				
gc	0				
term	0				
CompletedI~o	0				
CompletedP~e	0				
VSLLast	0				
CompletedE~o	0				
med	0				
LS	0				
PS	0				
married	682	.3914956	.4884431	0	1
female	682	.7609971	.4267875	0	1
white	682	.7697947	.4212731	0	1
black	682	.1642229	.3707496	0	1
kids	682	.2390029	.4267875	0	1
bachelors	682	.2155425	.4115	0	1
highered	682	.0762463	.2655866	0	1
income	682	50041.5	43747.19	15000	225000
lnincome	682	10.50543	.7878807	9.615806	12.32386
democrat	682	.4076246	.4917534	0	1
republican	682	.3079179	.4619712	0	1
enviro	682	.3255132	.4689102	0	1
pork	682	.4560117	.4984268	0	1
worker	682	.5117302	.5002293	0	1
religion	682	.8944282	.3075144	0	1
vegetarian	682	.888563	.3149034	0	1
efficient	682	.1891496	.3919148	0	1
meatpurcha~r	682	0	0	0	0
mea~s_seldom	682	.0381232	.1916341	0	1
mea~r_seldom	682	.0381232	.1916341	0	1
porkdouble	682	.2961877	.4569099	0	1
porkhalf	682	.2346041	.4240621	0	1
workerdouble	682	.3196481	.4666825	0	1
workerhalf	682	.2111437	.4084197	0	1
work_retired	682	.4486804	.4977244	0	1
work_fullt~e	682	.2111437	.4084197	0	1
work_partt~r	682	.1363636	.3434262	0	1
work_notwork	682	.170088	.3759858	0	1
workinag	682	.1612903	.3680685	0	1
nearfarm	682	.255132	.4362553	0	1
area_rural	682	.2052786	.4042015	0	1
area_rural~l	682	.2961877	.4569099	0	1
area_small	682	.0909091	.2876908	0	1
area_urban	682	.2888563	.4535636	0	1
area_subur~n	682	.414956	.4930761	0	1
area_urban~n	682	.7038123	.4569099	0	1
groceries~s	682	.670088	.470526	0	1

groceries_~n	682	.2595308	.4386989	0	1
lean_conserv	682	.0439883	.2052195	0	1
lean_very_~v	682	.0175953	.1315716	0	1
lean_progr	682	.016129	.1260642	0	1
lean_very_~r	682	.0117302	.107748	0	1
lean_middle	682	.1466276	.3539939	0	1
vote_trump	682	.3533724	.4783679	0	1
vote_biden	682	.4530792	.4981589	0	1
envir_group	682	.0615836	.2405741	0	1
facfarm_ne~l	682	.2917889	.4549193	0	1
facfarm_ef~c	682	.1891496	.3919148	0	1
facfarm_un~l	682	.1979472	.3987446	0	1
facfarm_du~o	682	.3035191	.4601148	0	1
anwelfare_~l	682	.1891496	.3919148	0	1
anwel~eagree	682	.3225806	.4678069	0	1
an~edisagree	682	.0410557	.1985647	0	1
anwel~gagree	682	.4281525	.4951742	0	1
an~gdisagree	682	.0190616	.1368419	0	1

```
. generate pork_1 = pork
. generate pork_bid_1 = vsalbid
. generate worker_1 = worker
. generate work_bid_1 = vslbid
. codebook pork_1 pork_bid_1 worker_1 work_bid_1
```

pork_1 (unlabeled)

Type: Numeric (float)

Range: [0,1] Units: 1
Unique values: 2 Missing : 0/682

Tabulation: Freq.	Value
371	0
311	1

pork_bid_1 (unlabeled)

Type: Numeric (float)

Range: [0,8] Units: 1
Unique values: 9 Missing : 0/682

Tabulation: Freq.	Value
88	0
79	1
68	2
68	3
72	4
78	5
70	6
93	7
66	8

worker_1

(unlabeled)

Type: Numeric (float)

Range: [0,1]
Unique values: 2

Units: 1
Missing .: 0/682

Tabulation:	Freq.	Value
	333	0
	349	1

work_bid_1

(unlabeled)

Type: Numeric (float)

Range: [0,8]
Unique values: 9

Units: 1
Missing .: 0/682

Tabulation:	Freq.	Value
	74	0
	83	1
	65	2
	76	3
	70	4
	78	5
	83	6
	70	7
	83	8

```
. generate worker_bid_1 = vs1bid
. drop work_bid_1
. generate pig_1 = pork_1
. drop pork_1
. generate pig_bid_1 = pork_bid_1
. drop pork_bid_1
. summarize pig_1 pig_bid_1 worker_1 worker_bid_1
```

Variable	Obs	Mean	Std. dev.	Min	Max
pig_1	682	.4560117	.4984268	0	1
pig_bid_1	682	3.953079	2.629467	0	8
worker_1	682	.5117302	.5002293	0	1
worker_bid_1	682	4.05132	2.608358	0	8

```
. global pigvars1 age married female white black kids bachelors highered income lincome democrat republican e
> nviro religion vegetarian efficient meatpurchases_never meatpurchases_seldom meatpurchases_never_seldom work
> _retired work_fulltim work_parttime_other work_notwork workinag nearfarm area_rural area_rural_small area_sm
> all area_urban area_suburban area_urban_suburban groceries_always groceries_ofTEN lean_conserv lean_very_con
> serv lean_progr lean_very_progr lean_middle vote_trump vote_biden envir_group facfarm_neutral facfarm_effic
> facfarm_unethical anwelfare_neutral anwelfare_someagree anwelfare_somedisagree anwelfare_strongagree anwelfa
> re_strongdisagree
```

```
. foreach i of varlist $pigvars1 {  
  2. quietly summarize `i'  
  3. scalar `i'_mn = r(mean)  
  4. }
```

```
. foreach i of varlist $pigvars1 {  
  2. display `i'_mn  
  3. }
```

```
58.809384  
.3914956  
.76099707  
.76979472  
.16422287  
.23900293  
.21554252  
.07624633  
50041.496  
10.505429  
.40762463  
.30791789  
.3255132  
.89442815  
.88856305  
.18914956  
0  
.03812317  
.03812317  
.44868035  
.2111437  
.13636364  
.17008798  
.16129032  
.25513196  
.20527859  
.29618768  
.09090909  
.2888563  
.41495601  
.70381232  
.67008798  
.25953079  
.04398827  
.01759531  
.01612903  
.01173021  
.14662757  
.35337243  
.45307918  
.06158358  
.29178886  
.18914956  
.19794721  
.18914956  
.32258065  
.04105572  
.42815249  
.01906158
```

```
. foreach i of varlist $pigvars1 {
  2. display `i'
  3. display `i'_mn
  4. }
37
58.809384
0
.3914956
0
.76099707
0
.76979472
0
.16422287
1
.23900293
0
.21554252
0
.07624633
40000
50041.496
10.596635
10.505429
0
.40762463
0
.30791789
1
.3255132
1
.89442815
0
.88856305
1
.18914956
0
0
0
.03812317
0
.03812317
0
.44868035
0
.2111437
0
.13636364
0
.17008798
0
.16129032
0
.25513196
0
.20527859
0
.29618768
0
.09090909
1
.2888563
0
.41495601
1
.70381232
1
```

```

.67008798
0
.25953079
0
.04398827
0
.01759531
0
.01612903
1
.01173021
0
.14662757
0
.35337243
0
.45307918
0
.06158358
0
.29178886
1
.18914956
0
.19794721
0
.18914956
0
.32258065
0
.04105572
1
.42815249
0
.01906158

```

```

. save "\\smb-isl01.fsu.edu\citrix\shsu\Desktop\animals\animal products data 06_19_2025_fixed_ed_682_2.dta"
file "\\smb-isl01.fsu.edu\citrix\shsu\Desktop\animals\animal products data 06_19_2025_fixed_ed_682_2.dta
  saved

```

```

. probit pig_1 pig_bid_1, vce(r)

```

```

Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -443.07926
Iteration 2: Log pseudolikelihood = -443.03564
Iteration 3: Log pseudolikelihood = -443.03564

```

Probit regression

```

Number of obs = 682
Wald chi2(1) = 53.62
Prob > chi2 = 0.0000
Pseudo R2 = 0.0575

```

Log pseudolikelihood = -443.03564

	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_1						
pig_bid_1	-.138343	.0188929	-7.32	0.000	-.1753725	-.1013135
_cons	.4305188	.0874751	4.92	0.000	.2590708	.6019668

```
. nlcom (wtp:(-b[_cons]/b[vsalbid]
parentheses unbalanced
r(132));

. nlcom (wtp:(-b[_cons]/b[vsalbid]))

[vsalbid] not found
r(111);

. nlcom (wtp:(-b[_cons]/b[pig_bid_1]))

wtp: (-b[_cons]/b[pig_bid_1])
```

pig_1	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
wtp	3.111966	.3692692	8.43	0.000	2.388212	3.83572

```
. probit pig_1 pig_bid_1 age married female white black kids bachelors highered income, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -437.82584
Iteration 2: Log pseudolikelihood = -437.71167
Iteration 3: Log pseudolikelihood = -437.71167
```

```
Probit regression                                Number of obs =   682
                                                Wald chi2(10) =  63.08
                                                Prob > chi2   = 0.0000
Log pseudolikelihood = -437.71167              Pseudo R2    = 0.0689
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1412301	.0190984	-7.39	0.000	-.1786622	-.1037979
age	-.0031041	.0040048	-0.78	0.438	-.0109533	.0047451
married	-.079162	.1089638	-0.73	0.468	-.2927271	.1344031
female	.1655546	.1205478	1.37	0.170	-.0707147	.4018239
white	.0739492	.2115664	0.35	0.727	-.3407134	.4886117
black	-.0739528	.2366757	-0.31	0.755	-.5378285	.389923
kids	.014091	.1303707	0.11	0.914	-.2414308	.2696128
bachelors	.2396569	.1259774	1.90	0.057	-.0072543	.4865681
highered	.3108283	.1927185	1.61	0.107	-.0668931	.6885496
income	-2.22e-06	1.25e-06	-1.78	0.075	-4.67e-06	2.28e-07
_cons	.515469	.3264976	1.58	0.114	-.1244546	1.155393

```
. probit pig_1 pig_bid_1 age married female white bachelors highered income, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -437.87889
Iteration 2: Log pseudolikelihood = -437.76709
Iteration 3: Log pseudolikelihood = -437.76708
```

```
Probit regression                                Number of obs =   682
                                                Wald chi2(8) =  63.13
                                                Prob > chi2   = 0.0000
Log pseudolikelihood = -437.76708              Pseudo R2    = 0.0687
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1411355	.0190825	-7.40	0.000	-.1785366	-.1037345
age	-.0032138	.0037199	-0.86	0.388	-.0105047	.004077
married	-.0760055	.1081974	-0.70	0.482	-.2880686	.1360576
female	.1651103	.1202702	1.37	0.170	-.0706149	.4008355
white	.125543	.1274452	0.99	0.325	-.124245	.3753311
bachelors	.2402142	.1259403	1.91	0.056	-.0066242	.4870527
highered	.3106785	.1929425	1.61	0.107	-.0674818	.6888388
income	-2.20e-06	1.24e-06	-1.77	0.076	-4.63e-06	2.34e-07
_cons	.471109	.2505827	1.88	0.060	-.0200241	.962242

. probit pig_1 pig_bid_1 age married female bachelors highered income, vce(r)

Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -438.3672
Iteration 2: Log pseudolikelihood = -438.26196
Iteration 3: Log pseudolikelihood = -438.26195

Probit regression

Number of obs = 682
Wald chi2(7) = 62.59
Prob > chi2 = 0.0000
Pseudo R2 = 0.0677

Log pseudolikelihood = -438.26195

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1409007	.0190621	-7.39	0.000	-.1782617	-.1035396
age	-.0021262	.0035371	-0.60	0.548	-.0090589	.0048064
married	-.0678779	.1076872	-0.63	0.528	-.278941	.1431852
female	.1874248	.1183516	1.58	0.113	-.0445401	.4193897
bachelors	.2381756	.126006	1.89	0.059	-.0087916	.4851428
highered	.3076324	.1916659	1.61	0.108	-.0680259	.6832907
income	-2.24e-06	1.24e-06	-1.81	0.071	-4.67e-06	1.89e-07
_cons	.4856082	.2496398	1.95	0.052	-.0036769	.9748933

. probit pig_1 pig_bid_1 age married female bachelors highered lnincome, vce(r)

Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -439.5532
Iteration 2: Log pseudolikelihood = -439.47565
Iteration 3: Log pseudolikelihood = -439.47565

Probit regression

Number of obs = 682
Wald chi2(7) = 59.34
Prob > chi2 = 0.0000
Pseudo R2 = 0.0651

Log pseudolikelihood = -439.47565

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1400685	.019046	-7.35	0.000	-.177398	-.1027391
age	-.0018815	.0035294	-0.53	0.594	-.008799	.0050361
married	-.0949011	.1092628	-0.87	0.385	-.3090522	.1192499
female	.1831099	.1182807	1.55	0.122	-.048716	.4149357
bachelors	.2005506	.1256437	1.60	0.110	-.0457066	.4468077
highered	.2540553	.1922001	1.32	0.186	-.12265	.6307605
lnincome	-.0534	.0709929	-0.75	0.452	-.1925436	.0857436
_cons	.9437388	.7683522	1.23	0.219	-.5622039	2.449682

```
. probit pig_1 pig_bid_1 female bachelors highered income, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -438.7777
Iteration 2: Log pseudolikelihood = -438.68258
Iteration 3: Log pseudolikelihood = -438.68258
```

Probit regression

```
Number of obs = 682
Wald chi2(5) = 61.26
Prob > chi2 = 0.0000
Pseudo R2 = 0.0668
```

Log pseudolikelihood = -438.68258

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1403524	.019049	-7.37	0.000	-.1776878	-.103017
female	.1828873	.1183456	1.55	0.122	-.0490659	.4148404
bachelors	.2369814	.1256181	1.89	0.059	-.0092256	.4831885
highered	.3056396	.1910919	1.60	0.110	-.0688936	.6801728
income	-2.44e-06	1.17e-06	-2.09	0.036	-4.73e-06	-1.54e-07
_cons	.3466547	.1381979	2.51	0.012	.0757918	.6175175

```
. generate bach_higher = 0
```

```
. replace bach_higher = bachelors + highered if Education == "Masters Degree" | Education == "Professional Deg  
> ree' | Education == "Doctorate"
```

```
too few quotes  
r(132);
```

```
. replace bach_higher = bachelors + highered  
(199 real changes made)
```

```
. probit pig_1 pig_bid_1 female bach_higher income, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -438.83044
Iteration 2: Log pseudolikelihood = -438.73579
Iteration 3: Log pseudolikelihood = -438.73579
```

Probit regression

```
Number of obs = 682
Wald chi2(4) = 61.20
Prob > chi2 = 0.0000
Pseudo R2 = 0.0667
```

Log pseudolikelihood = -438.73579

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1401969	.0190296	-7.37	0.000	-.1774941	-.1028996
female	.1838646	.1182913	1.55	0.120	-.047982	.4157113
bach_higher	.2538455	.115082	2.21	0.027	.028289	.4794021
income	-2.41e-06	1.17e-06	-2.07	0.038	-4.70e-06	-1.30e-07
_cons	.3440735	.1379448	2.49	0.013	.0737067	.6144403

```
. probit pig_1 pig_bid_1 age female bachelors highered income, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -438.56445
Iteration 2: Log pseudolikelihood = -438.46504
Iteration 3: Log pseudolikelihood = -438.46503
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(6) =   61.95
                                                Prob > chi2   =  0.0000
Log pseudolikelihood = -438.46503              Pseudo R2    =  0.0673
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1408023	.0190528	-7.39	0.000	-.1781452	-.1034595
age	-.0023093	.0035287	-0.65	0.513	-.0092254	.0046068
female	.1885356	.1182644	1.59	0.111	-.0432584	.4203296
bachelors	.2421574	.1258553	1.92	0.054	-.0045146	.4888293
highered	.3090791	.1913051	1.62	0.106	-.0658721	.6840303
income	-2.48e-06	1.17e-06	-2.12	0.034	-4.77e-06	-1.85e-07
_cons	.4794581	.2495591	1.92	0.055	-.0096689	.968585

```
. probit pig_1 pig_bid_1 age female bach_higher income, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -438.61451
Iteration 2: Log pseudolikelihood = -438.51559
Iteration 3: Log pseudolikelihood = -438.51559
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(5) =   61.92
                                                Prob > chi2   =  0.0000
Log pseudolikelihood = -438.51559              Pseudo R2    =  0.0672
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1406572	.0190305	-7.39	0.000	-.1779562	-.1033581
age	-.0023234	.0035274	-0.66	0.510	-.0092369	.0045902
female	.189483	.1182179	1.60	0.109	-.0422199	.4211859
bach_higher	.2586085	.1152886	2.24	0.025	.032647	.4845699
income	-2.45e-06	1.17e-06	-2.10	0.036	-4.73e-06	-1.61e-07
_cons	.477762	.2492026	1.92	0.055	-.0106661	.9661902

```
. probit pig_1 pig_bid_1 married female bach_higher income, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -438.60339
Iteration 2: Log pseudolikelihood = -438.50237
Iteration 3: Log pseudolikelihood = -438.50237
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(5) =   61.99
                                                Prob > chi2   =  0.0000
Log pseudolikelihood = -438.50237              Pseudo R2    =  0.0672
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1403302	.0190385	-7.37	0.000	-.1776449	-.1030155
married	-.0724955	.1073684	-0.68	0.500	-.2829336	.1379427
female	.1831896	.1182977	1.55	0.121	-.0486697	.4150488
bach_higher	.2506878	.1151904	2.18	0.030	.0249188	.4764568
income	-2.16e-06	1.23e-06	-1.75	0.080	-4.58e-06	2.58e-07
_cons	.3617778	.1408049	2.57	0.010	.0858053	.6377503

. probit pig_1 pig_bid_1 kids female bach_higher income, vce(r)

Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -438.80227
Iteration 2: Log pseudolikelihood = -438.70732
Iteration 3: Log pseudolikelihood = -438.70731

Probit regression

Number of obs = 682
Wald chi2(5) = 61.23
Prob > chi2 = 0.0000
Pseudo R2 = 0.0667

Log pseudolikelihood = -438.70731

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1402074	.0190303	-7.37	0.000	-.1775062	-.1029086
kids	.0276966	.1189052	0.23	0.816	-.2053534	.2607465
female	.1827215	.1183674	1.54	0.123	-.0492744	.4147174
bach_higher	.2539666	.1151076	2.21	0.027	.0283598	.4795734
income	-2.45e-06	1.18e-06	-2.08	0.038	-4.76e-06	-1.41e-07
_cons	.3399659	.1389369	2.45	0.014	.0676546	.6122772

. probit pig_1 pig_bid_1 female bach_higher income, vce(r)

Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -438.83044
Iteration 2: Log pseudolikelihood = -438.73579
Iteration 3: Log pseudolikelihood = -438.73579

Probit regression

Number of obs = 682
Wald chi2(4) = 61.20
Prob > chi2 = 0.0000
Pseudo R2 = 0.0667

Log pseudolikelihood = -438.73579

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1401969	.0190296	-7.37	0.000	-.1774941	-.1028996
female	.1838646	.1182913	1.55	0.120	-.047982	.4157113
bach_higher	.2538455	.115082	2.21	0.027	.028289	.4794021
income	-2.41e-06	1.17e-06	-2.07	0.038	-4.70e-06	-1.30e-07
_cons	.3440735	.1379448	2.49	0.013	.0737067	.6144403

```
. global pigvars1 female bach_higher income
```

```
. probit pig_1 pig_bid_1 $pigvars1, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367  
Iteration 1: Log pseudolikelihood = -438.83044  
Iteration 2: Log pseudolikelihood = -438.73579  
Iteration 3: Log pseudolikelihood = -438.73579
```

Probit regression

Number of obs = 682
Wald chi2(4) = 61.20
Prob > chi2 = 0.0000
Pseudo R2 = 0.0667

Log pseudolikelihood = -438.73579

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1401969	.0190296	-7.37	0.000	-.1774941	-.1028996
female	.1838646	.1182913	1.55	0.120	-.047982	.4157113
bach_higher	.2538455	.115082	2.21	0.027	.028289	.4794021
income	-2.41e-06	1.17e-06	-2.07	0.038	-4.70e-06	-1.30e-07
_cons	.3440735	.1379448	2.49	0.013	.0737067	.6144403

```
. summarize bach_higher
```

Variable	Obs	Mean	Std. dev.	Min	Max
bach_higher	682	.2917889	.4549193	0	1

```
. scalar bach_higher_mn = r(mean)
```

```
. di bach_higher_mn  
.29178886
```

```
. global pigvars1_est_b[_cons] + female_mn*_b[female] + bach_higher_mn*_b[bach_higher] + income_mn*_b[income]
```

```
. probit pig_1 pig_bid_1 $pigvars1, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367  
Iteration 1: Log pseudolikelihood = -438.83044  
Iteration 2: Log pseudolikelihood = -438.73579  
Iteration 3: Log pseudolikelihood = -438.73579
```

Probit regression

Number of obs = 682
Wald chi2(4) = 61.20
Prob > chi2 = 0.0000
Pseudo R2 = 0.0667

Log pseudolikelihood = -438.73579

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1401969	.0190296	-7.37	0.000	-.1774941	-.1028996
female	.1838646	.1182913	1.55	0.120	-.047982	.4157113
bach_higher	.2538455	.115082	2.21	0.027	.028289	.4794021
income	-2.41e-06	1.17e-06	-2.07	0.038	-4.70e-06	-1.30e-07
_cons	.3440735	.1379448	2.49	0.013	.0737067	.6144403

```
. nlcom (wtp:(-1*($pigvars1_est)/_b[pig_bid_1]))
      wtp: (-1*( _b[_cons] + female_mn*_b[female] + bach_higher_mn*_b[bach_higher] + income_mn*_b[income])/
> _b[pig_bid_1])
```

pig_1	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
wtp	3.119038	.3648071	8.55	0.000	2.404029	3.834047

```
. probit pig_1 pig_bid_1 democrat enviro religion vegetarian efficient envir_group facfarm_neutral anwelfare_n
> eutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -427.60511
Iteration 2: Log pseudolikelihood = -427.55847
Iteration 3: Log pseudolikelihood = -427.55847
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(9) =    81.62
                                                Prob > chi2  =    0.0000
Log pseudolikelihood = -427.55847                Pseudo R2   =    0.0905
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.151624	.0195341	-7.76	0.000	-.1899102	-.1133378
democrat	-.0839375	.1044563	-0.80	0.422	-.2886681	.1207931
enviro	.2579293	.1130816	2.28	0.023	.0362935	.4795652
religion	.2337573	.1701272	1.37	0.169	-.099686	.5672006
vegetarian	-.1535994	.1680663	-0.91	0.361	-.4830033	.1758044
efficient	-.0848933	.1366378	-0.62	0.534	-.3526983	.1829118
envir_group	.3064455	.2128051	1.44	0.150	-.1106448	.7235358
facfarm_ne~1	-.4028476	.1174753	-3.43	0.001	-.6330949	-.1726004
anwelfare~1	-.2676704	.1315244	-2.04	0.042	-.5254535	-.0098873
_cons	.5221808	.2270572	2.30	0.021	.0771568	.9672047

```
. probit pig_1 pig_bid_1 republican enviro religion vegetarian efficient envir_group facfarm_neutral anwelfare
> _neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -426.84302
Iteration 2: Log pseudolikelihood = -426.80272
Iteration 3: Log pseudolikelihood = -426.80272
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(9) =    81.87
                                                Prob > chi2  =    0.0000
Log pseudolikelihood = -426.80272                Pseudo R2   =    0.0921
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1523804	.0196084	-7.77	0.000	-.1908123	-.1139486
republican	-.1619676	.1117088	-1.45	0.147	-.3809128	.0569776
enviro	.2201482	.1124321	1.96	0.050	-.0002147	.4405111
religion	.2157186	.1706125	1.26	0.206	-.1186757	.5501129
vegetarian	-.1558904	.1672674	-0.93	0.351	-.4837285	.1719477
efficient	-.0814682	.1364664	-0.60	0.551	-.3489375	.1860011
envir_group	.3168269	.2127607	1.49	0.136	-.1001764	.7338303
facfarm_ne~1	-.3866915	.1179069	-3.28	0.001	-.6177848	-.1555982
anwelfare~1	-.2557662	.1317366	-1.94	0.052	-.5139652	.0024327
_cons	.5629919	.2282867	2.47	0.014	.1155582	1.010426

```
. probit pig_1 pig_bid_1 lean_very_conserv enviro religion vegetarian efficient envir_group facfarm_neutral anwelfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -427.90227
Iteration 2: Log pseudolikelihood = -427.85416
Iteration 3: Log pseudolikelihood = -427.85416
```

```
Probit regression                               Number of obs = 682
                                                Wald chi2(9) = 81.01
                                                Prob > chi2 = 0.0000
Log pseudolikelihood = -427.85416             Pseudo R2 = 0.0898
```

	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_1						
pig_bid_1	-.1520975	.0195452	-7.78	0.000	-.1904054	-.1137896
lean_very_~v	-.0849027	.3811977	-0.22	0.824	-.8320364	.662231
enviro	.2431723	.1115948	2.18	0.029	.0244505	.461894
religion	.2308133	.170348	1.35	0.175	-.1030627	.5646892
vegetarian	-.1526351	.1680332	-0.91	0.364	-.4819741	.1767038
efficient	-.0920076	.136303	-0.68	0.500	-.3591565	.1751414
envir_group	.3111157	.2134461	1.46	0.145	-.1072309	.7294624
facfarm_ne~l	-.3989652	.1173832	-3.40	0.001	-.629032	-.1688984
anwelfare_~l	-.2540349	.1308744	-1.94	0.052	-.510544	.0024743
_cons	.4955951	.2248954	2.20	0.028	.0548081	.936382

```
. probit pig_1 pig_bid_1 democrat enviro religion vegetarian envir_group facfarm_neutral anwelfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -427.81185
Iteration 2: Log pseudolikelihood = -427.7619
Iteration 3: Log pseudolikelihood = -427.7619
```

```
Probit regression                               Number of obs = 682
                                                Wald chi2(8) = 80.79
                                                Prob > chi2 = 0.0000
Log pseudolikelihood = -427.7619             Pseudo R2 = 0.0900
```

	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_1						
pig_bid_1	-.152025	.0195062	-7.79	0.000	-.1902565	-.1137935
democrat	-.0884505	.1042383	-0.85	0.396	-.2927538	.1158527
enviro	.2613697	.1127909	2.32	0.020	.0403035	.4824358
religion	.2366737	.1698475	1.39	0.163	-.0962212	.5695686
vegetarian	-.1555929	.167975	-0.93	0.354	-.4848178	.173632
envir_group	.2999499	.2123243	1.41	0.158	-.1161981	.716098
facfarm_ne~l	-.3804047	.1129182	-3.37	0.001	-.6017203	-.1590891
anwelfare_~l	-.2625032	.1309873	-2.00	0.045	-.5192336	-.0057728
_cons	.4999892	.2262704	2.21	0.027	.0565074	.943471

```
. probit pig_1 pig_bid_1 republican enviro religion vegetarian enviro_group facfarm_neutral anwelfare_neutral,
> vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -427.03283
Iteration 2: Log pseudolikelihood = -426.99014
Iteration 3: Log pseudolikelihood = -426.99014
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(8) =   80.97
                                                Prob > chi2 =  0.0000
Log pseudolikelihood = -426.99014                Pseudo R2 =   0.0917
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1527786	.0195791	-7.80	0.000	-.1911529	-.1144043
republican	-.1656548	.1115238	-1.49	0.137	-.3842375	.0529279
enviro	.2223359	.1122007	1.98	0.048	.0024265	.4422453
religion	.2179907	.1703276	1.28	0.201	-.1158452	.5518266
vegetarian	-.15781	.1671235	-0.94	0.345	-.4853661	.1697462
enviro_group	.3105446	.2121619	1.46	0.143	-.1052851	.7263744
facfarm_ne~1	-.3646419	.1129863	-3.23	0.001	-.5860909	-.1431928
anwelfare_~1	-.2501357	.1311267	-1.91	0.056	-.5071392	.0068679
_cons	.5416874	.2274704	2.38	0.017	.0958537	.9875211

```
. probit pig_1 pig_bid_1 lean_very_conserv enviro religion vegetarian enviro_group facfarm_neutral anwelfare_ne
> utral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -428.14629
Iteration 2: Log pseudolikelihood = -428.09426
Iteration 3: Log pseudolikelihood = -428.09426
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(8) =   80.13
                                                Prob > chi2 =  0.0000
Log pseudolikelihood = -428.09426                Pseudo R2 =   0.0893
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1525485	.0195152	-7.82	0.000	-.1907976	-.1142994
lean_very_~v	-.0857949	.3808107	-0.23	0.822	-.8321701	.6605803
enviro	.2461658	.1113263	2.21	0.027	.0279703	.4643613
religion	.2336869	.1700464	1.37	0.169	-.099598	.5669717
vegetarian	-.154749	.1679273	-0.92	0.357	-.4838804	.1743825
enviro_group	.3039736	.2128794	1.43	0.153	-.1132624	.7212096
facfarm_ne~1	-.3743382	.1126618	-3.32	0.001	-.5951513	-.1535251
anwelfare_~1	-.2476291	.1302177	-1.90	0.057	-.5028512	.007593
_cons	.4698838	.2237569	2.10	0.036	.0313282	.9084393

```
. probit pig_1 pig_bid_1 lean_conserv enviro religion vegetarian enviro_group facfarm_neutral anwelfare_neutral
> , vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -426.73426
Iteration 2: Log pseudolikelihood = -426.68971
Iteration 3: Log pseudolikelihood = -426.68971
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(8) =   82.81
                                                Prob > chi2    =  0.0000
Log pseudolikelihood = -426.68971                Pseudo R2     =  0.0923
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1514768	.019513	-7.76	0.000	-.1897216	-.1132321
lean_conserv	.4207565	.235988	1.78	0.075	-.0417715	.8832845
enviro	.258882	.1114448	2.32	0.020	.0404543	.4773098
religion	.2309914	.1712702	1.35	0.177	-.104692	.5666748
vegetarian	-.1529141	.1683262	-0.91	0.364	-.4828274	.1769992
enviro_group	.2961641	.212695	1.39	0.164	-.1207105	.7130388
facfarm_ne~1	-.3799679	.1131282	-3.36	0.001	-.6016951	-.1582407
anwelfare_~1	-.2560118	.131303	-1.95	0.051	-.5133609	.0013373
_cons	.4463377	.2246758	1.99	0.047	.0059812	.8866942

```
. probit pig_1 pig_bid_1 lean_middle enviro religion vegetarian enviro_group facfarm_neutral anwelfare_neutral,
> vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -426.29134
Iteration 2: Log pseudolikelihood = -426.25116
Iteration 3: Log pseudolikelihood = -426.25116
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(8) =   82.08
                                                Prob > chi2    =  0.0000
Log pseudolikelihood = -426.25116                Pseudo R2     =  0.0932
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1543585	.0196469	-7.86	0.000	-.1928658	-.1158512
lean_middle	.2743793	.1445402	1.90	0.058	-.0089143	.5576729
enviro	.2417263	.1111458	2.17	0.030	.0238845	.4595681
religion	.2332478	.1693721	1.38	0.168	-.0987155	.5652111
vegetarian	-.1588835	.167906	-0.95	0.344	-.4879733	.1702062
enviro_group	.3123703	.2138075	1.46	0.144	-.1066847	.7314254
facfarm_ne~1	-.3820995	.1127247	-3.39	0.001	-.6030358	-.1611633
anwelfare_~1	-.2730826	.1323191	-2.06	0.039	-.5324232	-.013742
_cons	.4467118	.2219488	2.01	0.044	.0117	.8817235

```
. probit pig_1 pig_bid_1 lean_progr enviro religion vegetarian envir_group facfarm_neutral anwelfare_neutral,
> vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -427.9803
Iteration 2: Log pseudolikelihood = -427.93197
Iteration 3: Log pseudolikelihood = -427.93197
```

```
Probit regression                               Number of obs =    682
                                                Wald chi2(8) =   80.42
                                                Prob > chi2    =  0.0000
Log pseudolikelihood = -427.93197              Pseudo R2     =  0.0897
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1529009	.0195325	-7.83	0.000	-.1911839	-.1146179
lean_progr	-.2449455	.3752463	-0.65	0.514	-.9804147	.4905237
enviro	.251345	.1114565	2.26	0.024	.0328943	.4697957
religion	.2350401	.1702663	1.38	0.167	-.0986758	.5687559
vegetarian	-.1616456	.1686022	-0.96	0.338	-.4920998	.1688086
envir_group	.3072117	.213552	1.44	0.150	-.1113425	.7257659
facfarm_ne~1	-.3756864	.1126755	-3.33	0.001	-.5965263	-.1548464
anwelfare_~1	-.2486256	.1300378	-1.91	0.056	-.503495	.0062437
_cons	.4772491	.2244419	2.13	0.033	.0373511	.9171471

```
. probit pig_1 pig_bid_1 lean_very_progr enviro religion vegetarian envir_group facfarm_neutral anwelfare_neut
> ral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -427.85227
Iteration 2: Log pseudolikelihood = -427.80096
Iteration 3: Log pseudolikelihood = -427.80096
```

```
Probit regression                               Number of obs =    682
                                                Wald chi2(8) =   80.66
                                                Prob > chi2    =  0.0000
Log pseudolikelihood = -427.80096              Pseudo R2     =  0.0899
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1525503	.0195119	-7.82	0.000	-.1907929	-.1143077
lean_very_~r	.3635328	.4617683	0.79	0.431	-.5415165	1.268582
enviro	.2431431	.1113745	2.18	0.029	.0248532	.461433
religion	.233487	.1694809	1.38	0.168	-.0986895	.5656634
vegetarian	-.1560784	.1673015	-0.93	0.351	-.4839832	.1718264
envir_group	.308574	.212623	1.45	0.147	-.1081595	.7253074
facfarm_ne~1	-.3722119	.1126425	-3.30	0.001	-.5929871	-.1514366
anwelfare_~1	-.2482761	.1300376	-1.91	0.056	-.5031452	.006593
_cons	.4654393	.2235781	2.08	0.037	.0272343	.9036443

```
. probit pig_1 pig_bid_1 vote_trump enviro religion vegetarian enviro_group facfarm_neutral anwelfare_neutral,
> vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -427.63177
Iteration 2: Log pseudolikelihood = -427.5825
Iteration 3: Log pseudolikelihood = -427.5825
```

```
Probit regression                               Number of obs =    682
                                                Wald chi2(8) =   80.46
                                                Prob > chi2    =  0.0000
Log pseudolikelihood = -427.5825              Pseudo R2     =  0.0904
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1524266	.0195415	-7.80	0.000	-.1907271	-.114126
vote_trump	-.1107134	.1077159	-1.03	0.304	-.3218327	.100406
enviro	.228838	.112494	2.03	0.042	.0083539	.4493221
religion	.2231204	.1702936	1.31	0.190	-.1106489	.5568897
vegetarian	-.1561101	.167507	-0.93	0.351	-.4844179	.1721977
enviro_group	.3143911	.2134508	1.47	0.141	-.1039648	.732747
facfarm_ne~1	-.362539	.1134031	-3.20	0.001	-.5848051	-.140273
anwelfare_~1	-.254079	.1307361	-1.94	0.052	-.510317	.002159
_cons	.5203553	.2284159	2.28	0.023	.0726684	.9680423

```
. probit pig_1 pig_bid_1 vote_biden enviro religion vegetarian enviro_group facfarm_neutral anwelfare_neutral,
> vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -428.11713
Iteration 2: Log pseudolikelihood = -428.06706
Iteration 3: Log pseudolikelihood = -428.06706
```

```
Probit regression                               Number of obs =    682
                                                Wald chi2(8) =   80.30
                                                Prob > chi2    =  0.0000
Log pseudolikelihood = -428.06706              Pseudo R2     =  0.0894
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1524955	.0195097	-7.82	0.000	-.1907338	-.1142572
vote_biden	.0336011	.1029044	0.33	0.744	-.1680878	.23529
enviro	.2399244	.1128857	2.13	0.034	.0186724	.4611764
religion	.2302632	.1700532	1.35	0.176	-.1030349	.5635612
vegetarian	-.1583348	.1679669	-0.94	0.346	-.487544	.1708743
enviro_group	.3055203	.2124576	1.44	0.150	-.1108889	.7219294
facfarm_ne~1	-.373773	.1126532	-3.32	0.001	-.5945692	-.1529768
anwelfare_~1	-.2444646	.130863	-1.87	0.062	-.5009514	.0120221
_cons	.4602608	.2266245	2.03	0.042	.016085	.9044366

```
. probit pig_1 pig_bid_1 lean_middle enviro religion vegetarian envir_group facfarm_neutral anwelfare_neutral,
> vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -426.29134
Iteration 2: Log pseudolikelihood = -426.25116
Iteration 3: Log pseudolikelihood = -426.25116
```

```
Probit regression                                Number of obs =    682
                                                  Wald chi2(8) =   82.08
                                                  Prob > chi2    =  0.0000
Log pseudolikelihood = -426.25116              Pseudo R2     =  0.0932
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1543585	.0196469	-7.86	0.000	-.1928658	-.1158512
lean_middle	.2743793	.1445402	1.90	0.058	-.0089143	.5576729
enviro	.2417263	.1111458	2.17	0.030	.0238845	.4595681
religion	.2332478	.1693721	1.38	0.168	-.0987155	.5652111
vegetarian	-.1588835	.167906	-0.95	0.344	-.4879733	.1702062
envir_group	.3123703	.2138075	1.46	0.144	-.1066847	.7314254
facfarm_ne~l	-.3820995	.1127247	-3.39	0.001	-.6030358	-.1611633
anwelfare_~l	-.2730826	.1323191	-2.06	0.039	-.5324232	-.013742
_cons	.4467118	.2219488	2.01	0.044	.0117	.8817235

```
. probit pig_1 pig_bid_1 lean_middle enviro religion vegetarian facfarm_neutral anwelfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -427.30422
Iteration 2: Log pseudolikelihood = -427.25703
Iteration 3: Log pseudolikelihood = -427.25703
```

```
Probit regression                                Number of obs =    682
                                                  Wald chi2(7) =   80.75
                                                  Prob > chi2    =  0.0000
Log pseudolikelihood = -427.25703              Pseudo R2     =  0.0911
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1528166	.0195034	-7.84	0.000	-.1910426	-.1145906
lean_middle	.2698304	.1437291	1.88	0.060	-.0118735	.5515342
enviro	.2776342	.1082689	2.56	0.010	.0654311	.4898373
religion	.2083694	.1669518	1.25	0.212	-.1188502	.5355889
vegetarian	-.1764004	.1683119	-1.05	0.295	-.5062857	.1534849
facfarm_ne~l	-.3680606	.112313	-3.28	0.001	-.58819	-.1479312
anwelfare_~l	-.2721933	.1323035	-2.06	0.040	-.5315034	-.0128832
_cons	.4822745	.2204816	2.19	0.029	.0501386	.9144104

```
. probit pig_1 pig_bid_1 lean_middle enviro religion vegetarian facfarm_effic anwelfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -432.62803
Iteration 2: Log pseudolikelihood = -432.5405
Iteration 3: Log pseudolikelihood = -432.5405
```

```
Probit regression                                Number of obs =    682
                                                  Wald chi2(7) =   71.00
                                                  Prob > chi2    =  0.0000
Log pseudolikelihood = -432.5405              Pseudo R2     =  0.0799
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1494846	.0194465	-7.69	0.000	-.1875991	-.1113701
lean_middle	.2603193	.1433079	1.82	0.069	-.020559	.5411976
enviro	.2881449	.1075653	2.68	0.007	.0773208	.498969
religion	.1842484	.1648516	1.12	0.264	-.1388548	.5073516
vegetarian	-.1631151	.1679012	-0.97	0.331	-.4921954	.1659652
facfarm_ef~c	.0608627	.1310591	0.46	0.642	-.1960084	.3177339
anwelfare_~1	-.3157882	.1312656	-2.41	0.016	-.5730641	-.0585124
_cons	.3680706	.215861	1.71	0.088	-.0550093	.7911504

. probit pig_1 pig_bid_1 lean_middle enviro religion vegetarian facfarm_unethical anwelfare_neutral, vce(r)

Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -418.736
Iteration 2: Log pseudolikelihood = -418.72134
Iteration 3: Log pseudolikelihood = -418.72134

Probit regression

Number of obs = 682

Wald chi2(7) = 97.58

Prob > chi2 = 0.0000

Pseudo R2 = 0.1093

Log pseudolikelihood = -418.72134

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1495134	.019599	-7.63	0.000	-.1879268	-.1111
lean_middle	.2232072	.1459009	1.53	0.126	-.0627534	.5091678
enviro	.2046616	.1109388	1.84	0.065	-.0127745	.4220978
religion	.1746448	.1643884	1.06	0.288	-.1475506	.4968403
vegetarian	-.1634816	.1681011	-0.97	0.331	-.4929538	.1659905
facfarm_un~1	.6884486	.130791	5.26	0.000	.4321031	.9447942
anwelfare_~1	-.2398183	.1339666	-1.79	0.073	-.5023881	.0227514
_cons	.275254	.2153755	1.28	0.201	-.1468743	.6973822

. probit pig_1 pig_bid_1 lean_middle enviro religion vegetarian facfarm_dunno anwelfare_neutral, vce(r)

Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -431.73593
Iteration 2: Log pseudolikelihood = -431.65647
Iteration 3: Log pseudolikelihood = -431.65647

Probit regression

Number of obs = 682

Wald chi2(7) = 71.93

Prob > chi2 = 0.0000

Pseudo R2 = 0.0817

Log pseudolikelihood = -431.65647

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1491832	.0194332	-7.68	0.000	-.1872716	-.1110948
lean_middle	.2551242	.1433289	1.78	0.075	-.0257954	.5360437
enviro	.2744603	.1075549	2.55	0.011	.0636567	.485264
religion	.1783257	.1636579	1.09	0.276	-.1424378	.4990892
vegetarian	-.1585109	.1670643	-0.95	0.343	-.4859509	.1689291
facfarm_du~o	-.1545098	.108951	-1.42	0.156	-.3680498	.0590302
anwelfare_~1	-.314155	.131151	-2.40	0.017	-.5712062	-.0571037
_cons	.431294	.2176439	1.98	0.048	.0047199	.8578681

```
. probit pig_1 pig_bid_1 lean_middle enviro religion vegetarian facfarm_unethical anwelfare_someagree, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -417.64524
Iteration 2: Log pseudolikelihood = -417.63512
Iteration 3: Log pseudolikelihood = -417.63512
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(7) =    97.20
                                                Prob > chi2   =    0.0000
Log pseudolikelihood = -417.63512              Pseudo R2     =    0.1116
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1456218	.0195671	-7.44	0.000	-.1839727	-.1072709
lean_middle	.1885276	.1458754	1.29	0.196	-.097383	.4744382
enviro	.2333925	.1101692	2.12	0.034	.0174648	.4493202
religion	.1523102	.1626514	0.94	0.349	-.1664806	.471101
vegetarian	-.131522	.1677086	-0.78	0.433	-.4602248	.1971807
facfarm_un~l	.7158492	.1302163	5.50	0.000	.4606299	.9710686
anwel~eagree	-.2545175	.1075756	-2.37	0.018	-.4653617	-.0436733
_cons	.2772086	.2162961	1.28	0.200	-.1467239	.7011411

```
. probit pig_1 pig_bid_1 lean_middle enviro religion vegetarian facfarm_unethical anwelfare_somedisagree, vce(
> r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -419.57667
Iteration 2: Log pseudolikelihood = -419.56157
Iteration 3: Log pseudolikelihood = -419.56157
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(7) =    94.36
                                                Prob > chi2   =    0.0000
Log pseudolikelihood = -419.56157              Pseudo R2     =    0.1075
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1465012	.0195132	-7.51	0.000	-.1847464	-.1082559
lean_middle	.1985744	.1443073	1.38	0.169	-.0842626	.4814114
enviro	.220578	.110188	2.00	0.045	.0046134	.4365425
religion	.1825552	.163709	1.12	0.265	-.1383086	.503419
vegetarian	-.1560891	.1669249	-0.94	0.350	-.483256	.1710777
facfarm_un~l	.7075525	.1295409	5.46	0.000	.453657	.961448
an~edisagree	-.3247744	.2748682	-1.18	0.237	-.8635061	.2139573
_cons	.2129482	.2117677	1.01	0.315	-.2021089	.6280052

```
. probit pig_1 pig_bid_1 lean_middle enviro religion vegetarian facfarm_unethical anwelfare_strongdisagree, vc
> e(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -419.59402
Iteration 2: Log pseudolikelihood = -419.57701
Iteration 3: Log pseudolikelihood = -419.57701
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(7) =    92.44
                                                Prob > chi2   =    0.0000
Log pseudolikelihood = -419.57701              Pseudo R2     =    0.1074
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1432635	.0194846	-7.35	0.000	-.1814526	-.1050744
lean_middle	.190424	.1448637	1.31	0.189	-.0935037	.4743516
enviro	.226361	.1103851	2.05	0.040	.0100102	.4427117
religion	.1649983	.1627786	1.01	0.311	-.1540418	.4840384
vegetarian	-.1507395	.1666248	-0.90	0.366	-.4773181	.1758391
facfarm_un~l	.7048564	.1295852	5.44	0.000	.4508741	.9588387
an~gdisagree	-.5061932	.4677748	-1.08	0.279	-1.423015	.4106285
_cons	.2061991	.2107869	0.98	0.328	-.2069357	.6193339

```
. probit pig_1 pig_bid_1 lean_middle enviro religion vegetarian facfarm_unethical anwelfare_strongagree, vce(r)
> )
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -410.19064
Iteration 2: Log pseudolikelihood = -410.16764
Iteration 3: Log pseudolikelihood = -410.16764
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(7) = 110.63
                                                Prob > chi2  = 0.0000
Log pseudolikelihood = -410.16764              Pseudo R2   = 0.1275
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1540884	.0197889	-7.79	0.000	-.192874	-.1153028
lean_middle	.2318796	.1452827	1.60	0.110	-.0528693	.5166285
enviro	.1798944	.1110015	1.62	0.105	-.0376644	.3974533
religion	.1785805	.163676	1.09	0.275	-.1422185	.4993796
vegetarian	-.1369541	.168853	-0.81	0.417	-.4678998	.1939916
facfarm_un~l	.6431447	.1323836	4.86	0.000	.3836777	.9026117
anwel~gagree	.4716551	.1050077	4.49	0.000	.2658439	.6774663
_cons	.0310227	.2159108	0.14	0.886	-.3921546	.4542

```
. probit pig_1 pig_bid_1 lean_middle enviro vegetarian facfarm_unethical anwelfare_strongagree, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -410.73413
Iteration 2: Log pseudolikelihood = -410.71921
Iteration 3: Log pseudolikelihood = -410.71921
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(6) = 110.51
                                                Prob > chi2  = 0.0000
Log pseudolikelihood = -410.71921              Pseudo R2   = 0.1263
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1514353	.0195979	-7.73	0.000	-.1898464	-.1130242
lean_middle	.2328219	.1445869	1.61	0.107	-.0505632	.5162071
enviro	.1799391	.1108846	1.62	0.105	-.0373907	.3972688
vegetarian	-.1012074	.1648083	-0.61	0.539	-.4242257	.221811
facfarm_un~l	.6429166	.1320423	4.87	0.000	.3841185	.9017147
anwel~gagree	.4699034	.104917	4.48	0.000	.2642699	.6755369
_cons	.149358	.1897144	0.79	0.431	-.2224754	.5211913

```
. probit pig_1 pig_bid_1 lean_middle enviro facfarm_unethical anwelfare_strongagree, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -410.92383
Iteration 2: Log pseudolikelihood = -410.90866
Iteration 3: Log pseudolikelihood = -410.90866
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(5) = 109.89
                                                Prob > chi2   = 0.0000
Log pseudolikelihood = -410.90866                Pseudo R2     = 0.1259
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1507293	.019566	-7.70	0.000	-.189078	-.1123806
lean_middle	.2316749	.1446273	1.60	0.109	-.0517894	.5151391
enviro	.1966648	.1095145	1.80	0.073	-.0179798	.4113093
facfarm_un~l	.6426719	.1322354	4.86	0.000	.3834953	.9018484
anwel~gagree	.4713702	.1049062	4.49	0.000	.2657578	.6769826
_cons	.0512981	.1035333	0.50	0.620	-.1516234	.2542195

```
. probit pig_1 pig_bid_1 lean_middle envir_group facfarm_unethical anwelfare_strongagree, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -411.56249
Iteration 2: Log pseudolikelihood = -411.52932
Iteration 3: Log pseudolikelihood = -411.52931
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(5) = 113.12
                                                Prob > chi2   = 0.0000
Log pseudolikelihood = -411.52931                Pseudo R2     = 0.1246
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1523863	.0195799	-7.78	0.000	-.1907622	-.1140105
lean_middle	.2353615	.1445948	1.63	0.104	-.048039	.5187621
envir_group	.2950086	.2209477	1.34	0.182	-.1380409	.7280581
facfarm_un~l	.6663041	.1316322	5.06	0.000	.4083098	.9242984
anwel~gagree	.4889054	.1045272	4.68	0.000	.2840358	.693775
_cons	.0902375	.1006382	0.90	0.370	-.1070098	.2874847

```
. probit pig_1 pig_bid_1 lean_middle envir_group facfarm_unethical anwelfare_strongagree, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -411.56249
Iteration 2: Log pseudolikelihood = -411.52932
Iteration 3: Log pseudolikelihood = -411.52931
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(5) = 113.12
                                                Prob > chi2   = 0.0000
Log pseudolikelihood = -411.52931                Pseudo R2     = 0.1246
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1523863	.0195799	-7.78	0.000	-.1907622	-.1140105
lean_middle	.2353615	.1445948	1.63	0.104	-.048039	.5187621
envir_group	.2950086	.2209477	1.34	0.182	-.1380409	.7280581
facfarm_un~l	.6663041	.1316322	5.06	0.000	.4083098	.9242984
anwel~gagree	.4889054	.1045272	4.68	0.000	.2840358	.693775
_cons	.0902375	.1006382	0.90	0.370	-.1070098	.2874847

```
. global pigvars2 lean_middle envir_group facfarm_unethical anwelfare_strongagree
```

```
. global pigvars2_est _b[_cons] + lean_middle_mn*_b[lean_middle] + envir_group_mn*_b[envir_group] + facfarm_un  
> ethical_mn*_b[facfarm_unethical] + anwelfare_strongagree_mn*_b[anwelfare_strongagree]
```

```
. probit pig_1 pig_bid_1 $pigvars2 vce(r)  
variable vce not found  
r(111);
```

```
. probit pig_1 pig_bid_1 $pigvars2, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367  
Iteration 1: Log pseudolikelihood = -411.56249  
Iteration 2: Log pseudolikelihood = -411.52932  
Iteration 3: Log pseudolikelihood = -411.52931
```

Probit regression

Number of obs = 682
Wald chi2(5) = 113.12
Prob > chi2 = 0.0000
Pseudo R2 = 0.1246

Log pseudolikelihood = -411.52931

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1523863	.0195799	-7.78	0.000	-.1907622	-.1140105
lean_middle	.2353615	.1445948	1.63	0.104	-.048039	.5187621
envir_group	.2950086	.2209477	1.34	0.182	-.1380409	.7280581
facfarm_un~l	.6663041	.1316322	5.06	0.000	.4083098	.9242984
anwel~gagree	.4889054	.1045272	4.68	0.000	.2840358	.693775
_cons	.0902375	.1006382	0.90	0.370	-.1070098	.2874847

```
. nlcom (wtp:(-1*($pigvars2_est)/_b[pig_bid_1]))
```

```
      wtp: (-1*( _b[_cons] + lean_middle_mn*_b[lean_middle] + envir_group_mn*_b[envir_group] + facfarm_uneth  
> ical_mn*_b[facfarm_unethical] + anwelfare_strongagree_mn*_b[anwelfare_strongagree])/_b[pig_bid_1])
```

pig_1	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
wtp	3.177022	.3431719	9.26	0.000	2.504418	3.849627

```
. probit pig_1 pig_bid_1 meatpurchases_seldom work_retired workinag nearfarm area_rural groceries_always, vce(
> r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -441.15816
Iteration 2: Log pseudolikelihood = -441.09085
Iteration 3: Log pseudolikelihood = -441.09084
```

```
Probit regression                               Number of obs =    682
                                                Wald chi2(7) =    57.57
                                                Prob > chi2   = 0.0000
Log pseudolikelihood = -441.09084             Pseudo R2    = 0.0617
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1383137	.0189758	-7.29	0.000	-.1755055	-.1011218
mea~s_seldom	.1941489	.2554076	0.76	0.447	-.3064409	.6947387
work_retired	-.0656421	.0995687	-0.66	0.510	-.260793	.1295089
workinag	.005044	.1365948	0.04	0.971	-.2626769	.272765
nearfarm	.0783151	.1272566	0.62	0.538	-.1711033	.3277335
area_rural	-.0813086	.1377007	-0.59	0.555	-.3511971	.1885799
groceries_~s	.1588109	.1065322	1.49	0.136	-.0499883	.3676101
_cons	.3410949	.1255046	2.72	0.007	.0951104	.5870793

```
. probit pig_1 pig_bid_1 meatpurchases_always work_retired workinag nearfarm area_rural groceries_always, vce(
> r)
```

```
variable meatpurchases_always not found
r(111);
```

```
. probit pig_1 pig_bid_1 meatpurchases_never_seldom work_retired workinag nearfarm area_rural groceries_always
> , vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -441.15816
Iteration 2: Log pseudolikelihood = -441.09085
Iteration 3: Log pseudolikelihood = -441.09084
```

```
Probit regression                               Number of obs =    682
                                                Wald chi2(7) =    57.57
                                                Prob > chi2   = 0.0000
Log pseudolikelihood = -441.09084             Pseudo R2    = 0.0617
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1383137	.0189758	-7.29	0.000	-.1755055	-.1011218
mea~r_seldom	.1941489	.2554076	0.76	0.447	-.3064409	.6947387
work_retired	-.0656421	.0995687	-0.66	0.510	-.260793	.1295089
workinag	.005044	.1365948	0.04	0.971	-.2626769	.272765
nearfarm	.0783151	.1272566	0.62	0.538	-.1711033	.3277335
area_rural	-.0813086	.1377007	-0.59	0.555	-.3511971	.1885799
groceries_~s	.1588109	.1065322	1.49	0.136	-.0499883	.3676101
_cons	.3410949	.1255046	2.72	0.007	.0951104	.5870793

. probit pig_1 pig_bid_1 work_retired workinag nearfarm area_rural groceries_always, vce(r)

Iteration 0: Log pseudolikelihood = -470.08367
 Iteration 1: Log pseudolikelihood = -441.4352
 Iteration 2: Log pseudolikelihood = -441.37422
 Iteration 3: Log pseudolikelihood = -441.37422

Probit regression Number of obs = 682
 Wald chi2(6) = 56.63
 Prob > chi2 = 0.0000
 Pseudo R2 = 0.0611
 Log pseudolikelihood = -441.37422

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1385345	.018974	-7.30	0.000	-.1757228	-.1013462
work_retired	-.0667199	.0995082	-0.67	0.503	-.2617525	.1283126
workinag	.0054872	.1366509	0.04	0.968	-.2623437	.2733181
nearfarm	.0752805	.1271541	0.59	0.554	-.173937	.3244979
area_rural	-.0788783	.1376575	-0.57	0.567	-.3486822	.1909255
groceries_~s	.1566426	.1065043	1.47	0.141	-.0521019	.3653872
_cons	.3515156	.1244701	2.82	0.005	.1075586	.5954725

. probit pig_1 pig_bid_1 work_fulltime workinag nearfarm area_rural groceries_always, vce(r)

Iteration 0: Log pseudolikelihood = -470.08367
 Iteration 1: Log pseudolikelihood = -441.4951
 Iteration 2: Log pseudolikelihood = -441.43619
 Iteration 3: Log pseudolikelihood = -441.43619

Probit regression Number of obs = 682
 Wald chi2(6) = 56.27
 Prob > chi2 = 0.0000
 Pseudo R2 = 0.0609
 Log pseudolikelihood = -441.43619

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1389587	.0189666	-7.33	0.000	-.1761326	-.1017849
work_fullt~e	.0679614	.1243276	0.55	0.585	-.1757163	.3116391
workinag	.0051742	.1368927	0.04	0.970	-.2631306	.273479
nearfarm	.0704254	.1271466	0.55	0.580	-.1787774	.3196282
area_rural	-.0802274	.1373376	-0.58	0.559	-.3494042	.1889495
groceries_~s	.1522462	.1062422	1.43	0.152	-.0559846	.3604771
_cons	.3133354	.1212668	2.58	0.010	.0756568	.5510139

. probit pig_1 pig_bid_1 work_parttime_other workinag nearfarm area_rural groceries_always, vce(r)

Iteration 0: Log pseudolikelihood = -470.08367
 Iteration 1: Log pseudolikelihood = -439.39083
 Iteration 2: Log pseudolikelihood = -439.29302
 Iteration 3: Log pseudolikelihood = -439.29302

Probit regression Number of obs = 682
 Wald chi2(6) = 61.46
 Prob > chi2 = 0.0000
 Pseudo R2 = 0.0655
 Log pseudolikelihood = -439.29302

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1398835	.0189769	-7.37	0.000	-.1770776	-.1026893
work_partt~r	.3145543	.1405732	2.24	0.025	.0390359	.5900726
workinag	.0086087	.137182	0.06	0.950	-.2602631	.2774804
nearfarm	.0870992	.127696	0.68	0.495	-.1631803	.3373786
area_rural	-.0696496	.1378799	-0.51	0.613	-.3398893	.2005902
groceries_~s	.1695673	.106925	1.59	0.113	-.0400018	.3791363
_cons	.2712292	.1226801	2.21	0.027	.0307806	.5116779

. probit pig_1 pig_bid_1 work_notwork workinag nearfarm area_rural groceries_always, vce(r)

Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -439.23344
Iteration 2: Log pseudolikelihood = -439.1561
Iteration 3: Log pseudolikelihood = -439.1561

Probit regression Number of obs = 682
Wald chi2(6) = 59.35
Prob > chi2 = 0.0000
Pseudo R2 = 0.0658
Log pseudolikelihood = -439.1561

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1419645	.019122	-7.42	0.000	-.1794429	-.1044861
work_notwork	-.2932759	.1356929	-2.16	0.031	-.5592291	-.0273227
workinag	-.0037755	.137935	-0.03	0.978	-.2741231	.266572
nearfarm	.0520278	.127497	0.41	0.683	-.1978618	.3019173
area_rural	-.0602696	.1376585	-0.44	0.662	-.3300753	.209536
groceries_~s	.1499487	.1064129	1.41	0.159	-.0586168	.3585141
_cons	.3934252	.123281	3.19	0.001	.151799	.6350515

. probit pig_1 pig_bid_1 work_notwork nearfarm area_rural groceries_always, vce(r)

Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -439.23377
Iteration 2: Log pseudolikelihood = -439.15648
Iteration 3: Log pseudolikelihood = -439.15648

Probit regression Number of obs = 682
Wald chi2(5) = 59.35
Prob > chi2 = 0.0000
Pseudo R2 = 0.0658
Log pseudolikelihood = -439.15648

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.14194	.0191085	-7.43	0.000	-.179392	-.104488
work_notwork	-.2931542	.13561	-2.16	0.031	-.5589448	-.0273636
nearfarm	.0516075	.1263726	0.41	0.683	-.1960783	.2992932
area_rural	-.0606682	.1375623	-0.44	0.659	-.3302852	.2089489
groceries_~s	.1499926	.1064364	1.41	0.159	-.0586188	.3586041
_cons	.392856	.1218105	3.23	0.001	.1541118	.6316001

. probit pig_1 pig_bid_1 work_notwork area_rural groceries_always, vce(r)

Iteration 0: Log pseudolikelihood = -470.08367
 Iteration 1: Log pseudolikelihood = -439.31809
 Iteration 2: Log pseudolikelihood = -439.24245
 Iteration 3: Log pseudolikelihood = -439.24245

Probit regression Number of obs = 682
 Wald chi2(4) = 59.03
 Prob > chi2 = 0.0000
 Pseudo R2 = 0.0656
 Log pseudolikelihood = -439.24245

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1421519	.0191037	-7.44	0.000	-.1795944	-.1047094
work_notwork	-.2974749	.1351814	-2.20	0.028	-.5624256	-.0325243
area_rural	-.0370252	.1256407	-0.29	0.768	-.2832764	.209226
groceries_~s	.1528538	.1063148	1.44	0.151	-.0555193	.361227
_cons	.4010053	.1198399	3.35	0.001	.1661235	.6358872

. probit pig_1 pig_bid_1 work_notwork area_small groceries_always, vce(r)

Iteration 0: Log pseudolikelihood = -470.08367
 Iteration 1: Log pseudolikelihood = -438.89168
 Iteration 2: Log pseudolikelihood = -438.81219
 Iteration 3: Log pseudolikelihood = -438.81219

Probit regression Number of obs = 682
 Wald chi2(4) = 59.99
 Prob > chi2 = 0.0000
 Pseudo R2 = 0.0665
 Log pseudolikelihood = -438.81219

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1422318	.0190948	-7.45	0.000	-.179657	-.1048066
work_notwork	-.2995154	.1354772	-2.21	0.027	-.5650457	-.033985
area_small	.169258	.1678223	1.01	0.313	-.1596676	.4981836
groceries_~s	.148526	.1064817	1.39	0.163	-.0601744	.3572263
_cons	.3816896	.1159574	3.29	0.001	.1544173	.6089619

. probit pig_1 pig_bid_1 work_notwork area_rural_small groceries_always, vce(r)

Iteration 0: Log pseudolikelihood = -470.08367
 Iteration 1: Log pseudolikelihood = -439.30537
 Iteration 2: Log pseudolikelihood = -439.22934
 Iteration 3: Log pseudolikelihood = -439.22933

Probit regression Number of obs = 682
 Wald chi2(4) = 59.08
 Prob > chi2 = 0.0000
 Pseudo R2 = 0.0656
 Log pseudolikelihood = -439.22933

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1419097	.0190982	-7.43	0.000	-.1793414	-.1044779
work_notwork	-.3011723	.135345	-2.23	0.026	-.5664436	-.035901
area_rural~1	.0370932	.1089943	0.34	0.734	-.1765318	.2507181
groceries_~s	.1578542	.1058373	1.49	0.136	-.049583	.3652914
_cons	.3785595	.119804	3.16	0.002	.1437479	.6133711

```
. probit pig_1 pig_bid_1 work_notwork area_urban groceries_always, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -438.95271
Iteration 2: Log pseudolikelihood = -438.8731
Iteration 3: Log pseudolikelihood = -438.8731
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(4) =    59.55
                                                Prob > chi2 =    0.0000
Log pseudolikelihood = -438.8731                Pseudo R2 =    0.0664
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1420646	.0191075	-7.44	0.000	-.1795146	-.1046146
work_notwork	-.2989277	.1349	-2.22	0.027	-.5633268	-.0345286
area_urban	.0994784	.108634	0.92	0.360	-.1134404	.3123972
groceries_~s	.1588037	.1062979	1.49	0.135	-.0495364	.3671438
_cons	.3605531	.1211524	2.98	0.003	.1230988	.5980075

```
. probit pig_1 pig_bid_1 work_notwork area_suburban groceries_always, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -438.699
Iteration 2: Log pseudolikelihood = -438.61732
Iteration 3: Log pseudolikelihood = -438.61732
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(4) =    59.98
                                                Prob > chi2 =    0.0000
Log pseudolikelihood = -438.61732                Pseudo R2 =    0.0669
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1417551	.0191096	-7.42	0.000	-.1792092	-.1043011
work_notwork	-.3047491	.1351208	-2.26	0.024	-.569581	-.0399172
area_subur~n	-.1166601	.1007491	-1.16	0.247	-.3141247	.0808046
groceries_~s	.1645391	.1062944	1.55	0.122	-.0437941	.3728723
_cons	.4333698	.1219459	3.55	0.000	.1943603	.6723793

```
. probit pig_1 pig_bid_1 work_notwork area_urban_suburban groceries_always, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -439.30537
Iteration 2: Log pseudolikelihood = -439.22934
Iteration 3: Log pseudolikelihood = -439.22933
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(4) =    59.08
                                                Prob > chi2   =    0.0000
Log pseudolikelihood = -439.22933                Pseudo R2    =    0.0656
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1419097	.0190982	-7.43	0.000	-.1793414	-.1044779
work_notwork	-.3011723	.135345	-2.23	0.026	-.5664436	-.035901
area_urban~n	-.0370932	.1089943	-0.34	0.734	-.2507181	.1765318
groceries~s	.1578542	.1058373	1.49	0.136	-.049583	.3652914
_cons	.4156527	.1393478	2.98	0.003	.1425361	.6887693

```
. probit pig_1 pig_bid_1 work_notwork groceries_always, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -439.36357
Iteration 2: Log pseudolikelihood = -439.288
Iteration 3: Log pseudolikelihood = -439.288
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(3) =    58.97
                                                Prob > chi2   =    0.0000
Log pseudolikelihood = -439.288                Pseudo R2    =    0.0655
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1420097	.0190967	-7.44	0.000	-.1794384	-.1045809
work_notwork	-.2993031	.1351092	-2.22	0.027	-.5641122	-.0344939
groceries~s	.1561791	.1059754	1.47	0.141	-.051529	.3638871
_cons	.3908193	.1156612	3.38	0.001	.1641276	.6175111

```
. probit pig_1 pig_bid_1 work_notwork groceries_often, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -440.11965
Iteration 2: Log pseudolikelihood = -440.05029
Iteration 3: Log pseudolikelihood = -440.05029
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(3) =    58.18
                                                Prob > chi2   =    0.0000
Log pseudolikelihood = -440.05029                Pseudo R2    =    0.0639
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1413847	.0190617	-7.42	0.000	-.1787449	-.1040245
work_notwork	-.3062298	.1350815	-2.27	0.023	-.5709847	-.0414749
groceries~n	-.0930108	.1125097	-0.83	0.408	-.3135257	.1275041
_cons	.5182805	.0966766	5.36	0.000	.3287978	.7077633

```
. probit pig_1 pig_bid_1 work_notwork groceries_ofTEN, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -440.11965
Iteration 2: Log pseudolikelihood = -440.05029
Iteration 3: Log pseudolikelihood = -440.05029
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(3) =   58.18
                                                Prob > chi2   =  0.0000
Log pseudolikelihood = -440.05029              Pseudo R2     =  0.0639
```

		Robust			[95% conf. interval]	
pig_1	Coefficient	std. err.	z	P> z		
pig_bid_1	-.1413847	.0190617	-7.42	0.000	-.1787449	-.1040245
work_notwork	-.3062298	.1350815	-2.27	0.023	-.5709847	-.0414749
groceries_~n	-.0930108	.1125097	-0.83	0.408	-.3135257	.1275041
_cons	.5182805	.0966766	5.36	0.000	.3287978	.7077633

```
. probit pig_1 pig_bid_1 work_notwork groceries_always, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -439.36357
Iteration 2: Log pseudolikelihood = -439.288
Iteration 3: Log pseudolikelihood = -439.288
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(3) =   58.97
                                                Prob > chi2   =  0.0000
Log pseudolikelihood = -439.288              Pseudo R2     =  0.0655
```

		Robust			[95% conf. interval]	
pig_1	Coefficient	std. err.	z	P> z		
pig_bid_1	-.1420097	.0190967	-7.44	0.000	-.1794384	-.1045809
work_notwork	-.2993031	.1351092	-2.22	0.027	-.5641122	-.0344939
groceries_~s	.1561791	.1059754	1.47	0.141	-.051529	.3638871
_cons	.3908193	.1156612	3.38	0.001	.1641276	.6175111

```
. global pigvars3 work_notwork groceries_always
```

```
. global pigvars3_est _b[_cons] + work_notwork_mn*_b[work_notwork] + groceries_always_mn*_b[groceries_always]
```

```
. probit pig_1 pig_bid_1 $pigvars3, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -439.36357
Iteration 2: Log pseudolikelihood = -439.288
Iteration 3: Log pseudolikelihood = -439.288
```

```
Probit regression                                Number of obs =    682
                                                Wald chi2(3) =   58.97
                                                Prob > chi2   =  0.0000
Log pseudolikelihood = -439.288              Pseudo R2     =  0.0655
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1420097	.0190967	-7.44	0.000	-.1794384	-.1045809
work_network	-.2993031	.1351092	-2.22	0.027	-.5641122	-.0344939
groceries_~s	.1561791	.1059754	1.47	0.141	-.051529	.3638871
_cons	.3908193	.1156612	3.38	0.001	.1641276	.6175111

```
. nlcom (wtp:(-1*($pigvars3_est)/_b[pig_bid_1]))
```

```
      wtp: (-1*_b[_cons] + work_network_mn*_b[work_network] + groceries_always_mn*_b[groceries_always])/_b
> [pig_bid_1])
```

pig_1	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
wtp	3.130528	.3594968	8.71	0.000	2.425927	3.835129

```
. probit worker_1 worker_bid_1 age married female white black kids bachelors highered income, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -443.65382
Iteration 2: Log pseudolikelihood = -443.55958
Iteration 3: Log pseudolikelihood = -443.55957
```

Probit regression

Number of obs = 682
Wald chi2(10) = 56.10
Prob > chi2 = 0.0000
Pseudo R2 = 0.0613

Log pseudolikelihood = -443.55957

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1157774	.018965	-6.10	0.000	-.1529481	-.0786067
age	.0031616	.0039356	0.80	0.422	-.0045521	.0108753
married	-.0716277	.1077214	-0.66	0.506	-.2827577	.1395023
female	.3440294	.1189913	2.89	0.004	.1108107	.5772481
white	-.0448939	.207489	-0.22	0.829	-.4515649	.3617771
black	-.3311199	.2348237	-1.41	0.159	-.791366	.1291261
kids	.0302683	.127309	0.24	0.812	-.2192527	.2797893
bachelors	.2159987	.1299486	1.66	0.096	-.0386958	.4706932
highered	.2660748	.1926877	1.38	0.167	-.1115862	.6437357
income	3.12e-09	1.28e-06	0.00	0.998	-2.51e-06	2.52e-06
_cons	.0984323	.3130719	0.31	0.753	-.5151773	.7120419

```
. probit worker_1 worker_bid_1 age female black bachelors highered income, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -443.9146
Iteration 2: Log pseudolikelihood = -443.82354
Iteration 3: Log pseudolikelihood = -443.82354
```

Probit regression

Number of obs = 682
Wald chi2(7) = 55.66
Prob > chi2 = 0.0000
Pseudo R2 = 0.0608

Log pseudolikelihood = -443.82354

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1157521	.0188911	-6.13	0.000	-.1527779	-.0787263
age	.0025752	.0036524	0.71	0.481	-.0045834	.0097337
female	.344975	.1175072	2.94	0.003	.1146652	.5752848
black	-.2792287	.1456521	-1.92	0.055	-.5647015	.0062441
bachelors	.2212195	.1294835	1.71	0.088	-.0325635	.4750024
highered	.2669955	.1924157	1.39	0.165	-.1101324	.6441234
income	-2.04e-07	1.21e-06	-0.17	0.866	-2.58e-06	2.17e-06
_cons	.0773881	.2631535	0.29	0.769	-.4383834	.5931595

```
. probit worker_1 worker_bid_1 female black bach_higher income, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -444.18355
Iteration 2: Log pseudolikelihood = -444.09475
Iteration 3: Log pseudolikelihood = -444.09475
```

```
Probit regression                               Number of obs =    682
                                                Wald chi2(5) =   55.18
                                                Prob > chi2    =  0.0000
Log pseudolikelihood = -444.09475              Pseudo R2     =  0.0602
```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1153071	.0188962	-6.10	0.000	-.1523429	-.0782713
female	.3488656	.1175022	2.97	0.003	.1185656	.5791656
black	-.305355	.1399937	-2.18	0.029	-.5797377	-.0309724
bach_higher	.2366846	.1175277	2.01	0.044	.0063346	.4670346
income	-2.13e-07	1.21e-06	-0.18	0.860	-2.58e-06	2.16e-06
_cons	.2275177	.1402798	1.62	0.105	-.0474256	.5024611

```
. global workervars1_est _b[_cons] + female_mn*_b[female] + black_mn*_b[black] + bach_higher_mn*_b[bach_higher]
> + income_mn*_b[income]
```

```
. nlcom (wtp:(-1*($workervars1_est)/_b[worker_bid_1]))
```

```
invalid syntax
r(198);
```

```
. global workervars1_est _b[_cons] + female_mn*_b[female] + black_mn*_b[black] + bach_higher_mn*_b[bach_higher]
> ] + income_mn*_b[income]
```

```
. nlcom (wtp:(-1*($workervars1_est)/_b[worker_bid_1]))
```

```
          wtp: (-1*(_b[_cons] + female_mn*_b[female] + black_mn*_b[black] + bach_higher_mn*_b[bach_higher] + in
> come_mn*_b[income])/_b[worker_bid_1])
```

worker_1	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
wtp	4.34715	.4310348	10.09	0.000	3.502337	5.191963

```
. probit pig_1 pig_bid_1 female black bach_higher income, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -438.59225
Iteration 2: Log pseudolikelihood = -438.49282
Iteration 3: Log pseudolikelihood = -438.49282
```

Probit regression

```
Number of obs = 682
Wald chi2(5) = 61.29
Prob > chi2 = 0.0000
Pseudo R2 = 0.0672
```

Log pseudolikelihood = -438.49282

	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_1						
pig_bid_1	-.1403341	.0190516	-7.37	0.000	-.1776746	-.1029936
female	.1725325	.1192891	1.45	0.148	-.0612699	.406335
black	-.0942661	.1349149	-0.70	0.485	-.3586943	.1701622
bach_higher	.2539694	.1152739	2.20	0.028	.0280368	.479902
income	-2.42e-06	1.17e-06	-2.07	0.038	-4.71e-06	-1.34e-07
_cons	.3688827	.1427042	2.58	0.010	.0891875	.6485778

```
. global pigvars2_est _b[_cons] + female_mn*_b[female] + black_mn*_b[black] + bach_higher_mn*_b[bach_higher] +
> income_mn*_b[income]
```

```
. nlcom (wtp:(-1*($pigvars2_est)/_b[pig_bid_1]))
```

```
      wtp: (-1*( _b[_cons] + female_mn*_b[female] + black_mn*_b[black] + bach_higher_mn*_b[bach_higher] + in
> come_mn*_b[income])/_b[pig_bid_1])
```

	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
wtp	3.119016	.36464	8.55	0.000	2.404335	3.833698

```
. probit worker_1 worker_bid_1 democrat enviro religion vegetarian efficient envir_group facfarm_neutral anwel
> fare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -435.90979
Iteration 2: Log pseudolikelihood = -435.8494
Iteration 3: Log pseudolikelihood = -435.8494
```

Probit regression

```
Number of obs = 682
Wald chi2(9) = 72.94
Prob > chi2 = 0.0000
Pseudo R2 = 0.0776
```

Log pseudolikelihood = -435.8494

	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_1						
worker_bid_1	-.1174879	.0192658	-6.10	0.000	-.1552481	-.0797277
democrat	-.0099856	.1034477	-0.10	0.923	-.2127393	.1927681
enviro	.3493781	.1143929	3.05	0.002	.1251721	.5735841
religion	-.0983923	.1691964	-0.58	0.561	-.4300112	.2332265
vegetarian	-.0338769	.1706696	-0.20	0.843	-.3683831	.3006293
efficient	-.2487723	.1337224	-1.86	0.063	-.5108634	.0133188
envir_group	-.0266071	.2168454	-0.12	0.902	-.4516162	.3984021
facfarm_ne~1	-.4692584	.1161984	-4.04	0.000	-.6970031	-.2415138
anwelfare~1	-.2510979	.1329862	-1.89	0.059	-.5117461	.0095502
_cons	.7536256	.2360892	3.19	0.001	.2908993	1.216352

```
. probit worker_1 worker_bid_1 republican enviro religion vegetarian efficient enviro_group facfarm_neutral anw
> elfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -435.75765
Iteration 2: Log pseudolikelihood = -435.69909
Iteration 3: Log pseudolikelihood = -435.69909
```

```
Probit regression                                Number of obs =   682
                                                Wald chi2(9) =  73.73
                                                Prob > chi2  =  0.0000
Log pseudolikelihood = -435.69909                Pseudo R2   =  0.0780
```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1180004	.0192446	-6.13	0.000	-.1557191	-.0802817
republican	-.060785	.1096091	-0.55	0.579	-.2756149	.1540448
enviro	.3387297	.1140879	2.97	0.003	.1151215	.5623379
religion	-.1051955	.1697076	-0.62	0.535	-.4378163	.2274254
vegetarian	-.0342791	.1709969	-0.20	0.841	-.3694267	.3008686
efficient	-.2459266	.1336959	-1.84	0.066	-.5079658	.0161126
enviro_group	-.0237824	.2165387	-0.11	0.913	-.4481905	.4006257
facfarm_ne~l	-.4634775	.1167015	-3.97	0.000	-.6922082	-.2347468
anwelfare_~l	-.2496967	.1325785	-1.88	0.060	-.5095457	.0101523
_cons	.7776472	.2367896	3.28	0.001	.313548	1.241746

```
. probit worker_1 worker_bid_1 lean_very_conserv enviro religion vegetarian efficient enviro_group facfarm_neut
> ral anwelfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -435.90888
Iteration 2: Log pseudolikelihood = -435.84867
Iteration 3: Log pseudolikelihood = -435.84867
```

```
Probit regression                                Number of obs =   682
                                                Wald chi2(9) =  72.97
                                                Prob > chi2  =  0.0000
Log pseudolikelihood = -435.84867                Pseudo R2   =  0.0776
```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1174878	.0192808	-6.09	0.000	-.1552774	-.0796982
lean_very_~v	-.0399168	.3805132	-0.10	0.916	-.785709	.7058754
enviro	.3476853	.1126095	3.09	0.002	.1269748	.5683958
religion	-.0984748	.169521	-0.58	0.561	-.4307298	.2337802
vegetarian	-.0332345	.1708405	-0.19	0.846	-.3680757	.3016066
efficient	-.2496769	.1335357	-1.87	0.062	-.511402	.0120482
enviro_group	-.0261954	.2169408	-0.12	0.904	-.4513915	.3990007
facfarm_ne~l	-.4685163	.1163199	-4.03	0.000	-.6964992	-.2405335
anwelfare_~l	-.2488718	.1324499	-1.88	0.060	-.5084688	.0107252
_cons	.749796	.2336767	3.21	0.001	.291798	1.207794

```
. probit worker_1 worker_bid_1 lean_conserv enviro religion vegetarian efficient enviro_group facfarm_neutral a
> nwelfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -435.85421
Iteration 2: Log pseudolikelihood = -435.79255
Iteration 3: Log pseudolikelihood = -435.79255
```

Probit regression

Number of obs = 682
Wald chi2(9) = 72.91
Prob > chi2 = 0.0000
Pseudo R2 = 0.0778

Log pseudolikelihood = -435.79255

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1177852	.0192796	-6.11	0.000	-.1555725	-.0799979
lean_conserv	-.0855002	.2396223	-0.36	0.721	-.5551512	.3841509
enviro	.3457647	.1129211	3.06	0.002	.1244435	.5670859
religion	-.0992095	.1692423	-0.59	0.558	-.4309184	.2324993
vegetarian	-.0335211	.1706073	-0.20	0.844	-.3679053	.3008632
efficient	-.2516821	.133628	-1.88	0.060	-.5135882	.010224
enviro_group	-.0251522	.2168892	-0.12	0.908	-.4502472	.3999427
facfarm_ne~l	-.4680617	.1162312	-4.03	0.000	-.6958707	-.2402527
anwelfare~l	-.2478372	.1324281	-1.87	0.061	-.5073914	.011717
_cons	.7555911	.2342278	3.23	0.001	.2965129	1.214669

```
. probit worker_1 worker_bid_1 lean_middle enviro religion vegetarian efficient enviro_group facfarm_neutral an
> welfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -435.45701
Iteration 2: Log pseudolikelihood = -435.40004
Iteration 3: Log pseudolikelihood = -435.40004
```

Probit regression

Number of obs = 682
Wald chi2(9) = 73.92
Prob > chi2 = 0.0000
Pseudo R2 = 0.0786

Log pseudolikelihood = -435.40004

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1181244	.0192892	-6.12	0.000	-.1559306	-.0803183
lean_middle	.1344803	.1411147	0.95	0.341	-.1420994	.4110601
enviro	.3452119	.1127102	3.06	0.002	.1243039	.5661198
religion	-.100537	.1694216	-0.59	0.553	-.4325973	.2315233
vegetarian	-.0333868	.1705845	-0.20	0.845	-.3677263	.3009527
efficient	-.243613	.1336804	-1.82	0.068	-.5056218	.0183957
enviro_group	-.0209503	.2162529	-0.10	0.923	-.4447981	.4028976
facfarm_ne~l	-.470537	.1162347	-4.05	0.000	-.6983528	-.2427211
anwelfare~l	-.2597868	.1332489	-1.95	0.051	-.5209498	.0013763
_cons	.7359128	.2332236	3.16	0.002	.2788029	1.193023

```
. probit worker_1 worker_bid_1 lean_progr enviro religion vegetarian efficient envir_group facfarm_neutral anw
> elfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -434.822
Iteration 2: Log pseudolikelihood = -434.76573
Iteration 3: Log pseudolikelihood = -434.76573
```

Probit regression

Number of obs = 682
Wald chi2(9) = 74.97
Prob > chi2 = 0.0000
Pseudo R2 = 0.0799

Log pseudolikelihood = -434.76573

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1177978	.01932	-6.10	0.000	-.1556643	-.0799313
lean_progr	-.5843147	.4036072	-1.45	0.148	-1.37537	.2067409
enviro	.360173	.112637	3.20	0.001	.1394085	.5809376
religion	-.0938422	.1694896	-0.55	0.580	-.4260358	.2383514
vegetarian	-.047858	.1720185	-0.28	0.781	-.3850081	.289292
efficient	-.2580398	.1337266	-1.93	0.054	-.5201391	.0040595
envir_group	-.0133281	.2191809	-0.06	0.952	-.4429148	.4162586
facfarm_ne~l	-.4732886	.1164699	-4.06	0.000	-.7015655	-.2450118
anwelfare~l	-.2496708	.1323884	-1.89	0.059	-.5091472	.0098056
_cons	.7672644	.2336221	3.28	0.001	.3093735	1.225155

```
. probit worker_1 worker_bid_1 lean_very_progr enviro religion vegetarian efficient envir_group facfarm_neutra
> l anwelfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -435.49695
Iteration 2: Log pseudolikelihood = -435.43364
Iteration 3: Log pseudolikelihood = -435.43364
```

Probit regression

Number of obs = 682
Wald chi2(9) = 74.64
Prob > chi2 = 0.0000
Pseudo R2 = 0.0785

Log pseudolikelihood = -435.43364

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1172419	.0192914	-6.08	0.000	-.1550524	-.0794314
lean_very~r	.4638551	.4534411	1.02	0.306	-.4248731	1.352583
enviro	.3437506	.1126192	3.05	0.002	.1230211	.5644801
religion	-.0961921	.1688876	-0.57	0.569	-.4272057	.2348214
vegetarian	-.0347068	.1705461	-0.20	0.839	-.3689711	.2995574
efficient	-.2459834	.1336098	-1.84	0.066	-.5078538	.015887
envir_group	-.0199168	.2168142	-0.09	0.927	-.4448649	.4050313
facfarm_ne~l	-.4650037	.1162767	-4.00	0.000	-.6929018	-.2371057
anwelfare~l	-.248926	.1323264	-1.88	0.060	-.508281	.010429
_cons	.741869	.2333715	3.18	0.001	.2844694	1.199269

```
. probit worker_1 worker_bid_1 lean_middle enviro religion vegetarian efficient enviro_group facfarm_neutral an
> welfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -435.45701
Iteration 2: Log pseudolikelihood = -435.40004
Iteration 3: Log pseudolikelihood = -435.40004
```

```
Probit regression                                Number of obs =   682
                                                Wald chi2(9) =   73.92
                                                Prob > chi2  =  0.0000
Log pseudolikelihood = -435.40004              Pseudo R2   =  0.0786
```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1181244	.0192892	-6.12	0.000	-.1559306	-.0803183
lean_middle	.1344803	.1411147	0.95	0.341	-.1420994	.4110601
enviro	.3452119	.1127102	3.06	0.002	.1243039	.5661198
religion	-.100537	.1694216	-0.59	0.553	-.4325973	.2315233
vegetarian	-.0333868	.1705845	-0.20	0.845	-.3677263	.3009527
efficient	-.243613	.1336804	-1.82	0.068	-.5056218	.0183957
enviro_group	-.0209503	.2162529	-0.10	0.923	-.4447981	.4028976
facfarm_ne~1	-.470537	.1162347	-4.05	0.000	-.6983528	-.2427211
anwelfare_~1	-.2597868	.1332489	-1.95	0.051	-.5209498	.0013763
_cons	.7359128	.2332236	3.16	0.002	.2788029	1.193023

```
. probit worker_1 worker_bid_1 lean_middle enviro_group religion vegetarian efficient enviro_group facfarm_neutr
> al anwelfare_neutral, vce(r)
```

```
note: enviro_group omitted because of collinearity.
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -440.07974
Iteration 2: Log pseudolikelihood = -439.99867
Iteration 3: Log pseudolikelihood = -439.99867
```

```
Probit regression                                Number of obs =   682
                                                Wald chi2(8) =   65.16
                                                Prob > chi2  =  0.0000
Log pseudolikelihood = -439.99867              Pseudo R2   =  0.0689
```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1194333	.0191574	-6.23	0.000	-.1569812	-.0818854
lean_middle	.1447623	.1408038	1.03	0.304	-.1312082	.4207327
enviro_group	.1327568	.2092994	0.63	0.526	-.2774626	.5429761
religion	-.0834214	.1694535	-0.49	0.623	-.4155441	.2487013
vegetarian	-.1383282	.1667522	-0.83	0.407	-.4651565	.1885001
efficient	-.2536347	.1324085	-1.92	0.055	-.5131505	.0058812
enviro_group	0	(omitted)				
facfarm_ne~1	-.4873805	.1157502	-4.21	0.000	-.7142467	-.2605143
anwelfare_~1	-.3085034	.1323506	-2.33	0.020	-.5679059	-.0491009
_cons	.9336039	.2233045	4.18	0.000	.4959351	1.371273

```
. probit worker_1 worker_bid_1 lean_middle enviro vegetarian efficient enviro_group facfarm_neutral anwelfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -435.64562
Iteration 2: Log pseudolikelihood = -435.58549
Iteration 3: Log pseudolikelihood = -435.58549
```

```
Probit regression                                Number of obs =   682
                                                Wald chi2(8) =  73.05
                                                Prob > chi2  = 0.0000
Log pseudolikelihood = -435.58549                Pseudo R2   = 0.0782
```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1175721	.0192813	-6.10	0.000	-.1553628	-.0797813
lean_middle	.1337027	.1411896	0.95	0.344	-.1430238	.4104293
enviro	.3428261	.1127387	3.04	0.002	.1218624	.5637898
vegetarian	-.050758	.1670604	-0.30	0.761	-.3781903	.2766743
efficient	-.2412053	.1338803	-1.80	0.072	-.5036059	.0211953
enviro_group	-.0054973	.2153346	-0.03	0.980	-.4275453	.4165507
facfarm_neutral	-.4727515	.1162191	-4.07	0.000	-.7005368	-.2449663
anwelfare_neutral	-.2592051	.1333626	-1.94	0.052	-.5205909	.0021808
_cons	.6592384	.1961208	3.36	0.001	.2748487	1.043628

```
. probit worker_1 worker_bid_1 lean_middle enviro vegetarian efficient facfarm_neutral anwelfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -435.64594
Iteration 2: Log pseudolikelihood = -435.58582
Iteration 3: Log pseudolikelihood = -435.58582
```

```
Probit regression                                Number of obs =   682
                                                Wald chi2(7) =  73.04
                                                Prob > chi2  = 0.0000
Log pseudolikelihood = -435.58582                Pseudo R2   = 0.0782
```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1176133	.0191968	-6.13	0.000	-.1552384	-.0799882
lean_middle	.1338017	.1411998	0.95	0.343	-.1429448	.4105482
enviro	.3421455	.1096655	3.12	0.002	.1272051	.557086
vegetarian	-.050325	.16665	-0.30	0.763	-.376953	.276303
efficient	-.2413317	.133697	-1.81	0.071	-.503373	.0207097
facfarm_neutral	-.4729931	.1158772	-4.08	0.000	-.7001083	-.2458779
anwelfare_neutral	-.2592044	.1333695	-1.94	0.052	-.5206037	.0021949
_cons	.6589734	.1960999	3.36	0.001	.2746248	1.043322

```
. probit worker_1 worker_bid_1 lean_middle enviro efficient facfarm_neutral anwelfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -435.69232
Iteration 2: Log pseudolikelihood = -435.63401
Iteration 3: Log pseudolikelihood = -435.63401
```

```
Probit regression                               Number of obs =   682
                                                Wald chi2(6) =  73.05
                                                Prob > chi2  = 0.0000
Log pseudolikelihood = -435.63401             Pseudo R2   = 0.0781
```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1175237	.0191679	-6.13	0.000	-.1550921	-.0799554
lean_middle	.1337973	.1412743	0.95	0.344	-.1430952	.4106897
enviro	.3504097	.1070573	3.27	0.001	.1405811	.5602382
efficient	-.2419623	.1336519	-1.81	0.070	-.5039152	.0199906
facfarm_ne~1	-.4722821	.1159419	-4.07	0.000	-.6995239	-.2450402
anwelfare_~1	-.2586612	.1332431	-1.94	0.052	-.5198128	.0024904
_cons	.6111325	.112924	5.41	0.000	.3898055	.8324596

```
. probit worker_1 worker_bid_1 lean_middle enviro vegetarian efficient facfarm_neutral anwelfare_neutral, vce(
> r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -435.64594
Iteration 2: Log pseudolikelihood = -435.58582
Iteration 3: Log pseudolikelihood = -435.58582
```

```
Probit regression                               Number of obs =   682
                                                Wald chi2(7) =  73.04
                                                Prob > chi2  = 0.0000
Log pseudolikelihood = -435.58582             Pseudo R2   = 0.0782
```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1176133	.0191968	-6.13	0.000	-.1552384	-.0799882
lean_middle	.1338017	.1411998	0.95	0.343	-.1429448	.4105482
enviro	.3421455	.1096655	3.12	0.002	.1272051	.557086
vegetarian	-.050325	.16665	-0.30	0.763	-.376953	.276303
efficient	-.2413317	.133697	-1.81	0.071	-.503373	.0207097
facfarm_ne~1	-.4729931	.1158772	-4.08	0.000	-.7001083	-.2458779
anwelfare_~1	-.2592044	.1333695	-1.94	0.052	-.5206037	.0021949
_cons	.6589734	.1960999	3.36	0.001	.2746248	1.043322

```
. probit worker_1 worker_bid_1 lean_middle enviro vegetarian facfarm_neutral anwelfare_neutral, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -437.31027
Iteration 2: Log pseudolikelihood = -437.23287
Iteration 3: Log pseudolikelihood = -437.23287
```

```
Probit regression                               Number of obs =   682
                                                Wald chi2(6) =  68.38
                                                Prob > chi2  = 0.0000
Log pseudolikelihood = -437.23287             Pseudo R2   = 0.0747
```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1167715	.0191774	-6.09	0.000	-.1543586	-.0791844
lean_middle	.1468914	.1407415	1.04	0.297	-.1289568	.4227397
enviro	.3453333	.1095385	3.15	0.002	.1306417	.5600249
vegetarian	-.0550073	.1663843	-0.33	0.741	-.3811146	.2710999
facfarm_ne~l	-.4094177	.1104844	-3.71	0.000	-.625963	-.1928723
anwelfare~l	-.2407196	.1325803	-1.82	0.069	-.5005722	.019133
_cons	.588288	.1927253	3.05	0.002	.2105534	.9660227

. probit worker_1 worker_bid_1 lean_middle enviro vegetarian facfarm_effic anwelfare_neutral, vce(r)

Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -444.05925
Iteration 2: Log pseudolikelihood = -443.98656
Iteration 3: Log pseudolikelihood = -443.98656

Probit regression
Log pseudolikelihood = -443.98656
Number of obs = 682
Wald chi2(6) = 53.31
Prob > chi2 = 0.0000
Pseudo R2 = 0.0604

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1125969	.0190999	-5.90	0.000	-.1500303	-.0751634
lean_middle	.1264809	.1409383	0.90	0.369	-.1497531	.4027148
enviro	.3548725	.1084754	3.27	0.001	.1422646	.5674804
vegetarian	-.0370728	.1634865	-0.23	0.821	-.3575005	.2833549
facfarm_ef~c	-.0760495	.1273361	-0.60	0.550	-.3256236	.1735247
anwelfare~l	-.3028577	.131526	-2.30	0.021	-.5606439	-.0450714
_cons	.4623808	.189234	2.44	0.015	.0914889	.8332726

. probit worker_1 worker_bid_1 lean_middle enviro vegetarian facfarm_unethical anwelfare_neutral, vce(r)

Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -433.30276
Iteration 2: Log pseudolikelihood = -433.23765
Iteration 3: Log pseudolikelihood = -433.23765

Probit regression
Log pseudolikelihood = -433.23765
Number of obs = 682
Wald chi2(6) = 74.49
Prob > chi2 = 0.0000
Pseudo R2 = 0.0832

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1183359	.0192667	-6.14	0.000	-.1560979	-.0805739
lean_middle	.0988965	.1432154	0.69	0.490	-.1818005	.3795935
enviro	.2853598	.1114085	2.56	0.010	.067003	.5037165
vegetarian	-.0386608	.1658703	-0.23	0.816	-.3637607	.2864391
facfarm_un~l	.6079958	.1336856	4.55	0.000	.3459768	.8700148
anwelfare~l	-.2238227	.1338769	-1.67	0.095	-.4862166	.0385713
_cons	.3691656	.191662	1.93	0.054	-.006485	.7448163

```
. probit worker_1 worker_bid_1 lean_middle enviro vegetarian facfarm_unethical, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -434.84423
Iteration 2: Log pseudolikelihood = -434.7811
Iteration 3: Log pseudolikelihood = -434.7811
```

```
Probit regression                               Number of obs =   682
                                                Wald chi2(5) =   70.57
                                                Prob > chi2   =  0.0000
Log pseudolikelihood = -434.7811              Pseudo R2    =  0.0799
```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1194557	.0192343	-6.21	0.000	-.1571542	-.0817572
lean_middle	.0743502	.1427374	0.52	0.602	-.2054099	.3541102
enviro	.3060544	.1105209	2.77	0.006	.0894374	.5226714
vegetarian	-.0343007	.1671667	-0.21	0.837	-.3619413	.2933399
facfarm_un~1	.6336344	.1324526	4.78	0.000	.3740321	.8932366
_cons	.3183697	.1909344	1.67	0.095	-.0558548	.6925943

```
. global workervars2_est _b[_cons] + lean_middle_mn*_b[lean_middle] + enviro_mn*_b[enviro] + vegetarian_mn*_b[vegetarian] + facfarm_unethical_mn*_b[facfarm_unethical]
```

```
. nlcom (wtp:(-1*($workervars2_est)/_b[worker_bid_1]))
```

```
      wtp: (-1*( _b[_cons] + lean_middle_mn*_b[lean_middle] + enviro_mn*_b[enviro] + vegetarian_mn*_b[vegetarian] + facfarm_unethical_mn*_b[facfarm_unethical])/_b[worker_bid_1])
```

worker_1	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
wtp	4.385258	.4205817	10.43	0.000	3.560933	5.209583

```
. global pigvars2_b_est _b[_cons] + lean_middle_mn*_b[lean_middle] + enviro_mn*_b[enviro] + vegetarian_mn*_b[vegetarian] + facfarm_unethical_mn*_b[facfarm_unethical]
```

```
. probit pig_1 pig_bid_1 lean_middle enviro vegetarian facfarm_unethical, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -420.86745
Iteration 2: Log pseudolikelihood = -420.85079
Iteration 3: Log pseudolikelihood = -420.85079
```

```
Probit regression                               Number of obs =   682
                                                Wald chi2(5) =   92.93
                                                Prob > chi2   =  0.0000
Log pseudolikelihood = -420.85079              Pseudo R2    =  0.1047
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1428919	.0193364	-7.39	0.000	-.1807905	-.1049932
lean_middle	.1976939	.1443883	1.37	0.171	-.085302	.4806898
enviro	.2270427	.1100953	2.06	0.039	.0112599	.4428254
vegetarian	-.1196546	.1637257	-0.73	0.465	-.4405511	.2012419
facfarm_un~1	.7153131	.1293295	5.53	0.000	.4618319	.9687944
_cons	.3130706	.1854132	1.69	0.091	-.0503327	.6764739

```

. global pigvars2_b_est _b[_cons] + lean_middle_mn*_b[lean_middle] + enviro_mn*_b[enviro] + vegetarian_mn*_b[v
> egetarian] + facfarm_unethical_mn*_b[facfarm_unethical] + anwelfare_strongagree_mn*_b[anwelfare_strongagree]

. probit pig_1 pig_bid_1 lean_middle enviro vegetarian facfarm_unethical, anwelfare_strongagree, vce(r)
invalid 'vce'
r(198);

```

```

. probit pig_1 pig_bid_1 lean_middle enviro vegetarian facfarm_unethical anwelfare_strongagree, vce(r)

```

```

Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -410.73413
Iteration 2: Log pseudolikelihood = -410.71921
Iteration 3: Log pseudolikelihood = -410.71921

```

```

Probit regression                                Number of obs =    682
                                                Wald chi2(6) = 110.51
                                                Prob > chi2 = 0.0000
Log pseudolikelihood = -410.71921              Pseudo R2 = 0.1263

```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1514353	.0195979	-7.73	0.000	-.1898464	-.1130242
lean_middle	.2328219	.1445869	1.61	0.107	-.0505632	.5162071
enviro	.1799391	.1108846	1.62	0.105	-.0373907	.3972688
vegetarian	-.1012074	.1648083	-0.61	0.539	-.4242257	.221811
facfarm_un~l	.6429166	.1320423	4.87	0.000	.3841185	.9017147
anwel~gagree	.4699034	.104917	4.48	0.000	.2642699	.6755369
_cons	.149358	.1897144	0.79	0.431	-.2224754	.5211913

```

. nlcom (wtp:(-1*($pigvars2_b_est)/_b[pig_bid_1]))

```

```

      wtp: (-1*( _b[_cons] + lean_middle_mn*_b[lean_middle] + enviro_mn*_b[enviro] + vegetarian_mn*_b[vegeta
> rian] + facfarm_unethical_mn*_b[facfarm_unethical] + anwelfare_strongagree_mn*_b[anwelfare_strongagree])/_b[
> pig_bid_1])

```

pig_1	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
wtp	3.173589	.3453095	9.19	0.000	2.496794	3.850383

```

. probit worker_1 worker_bid_1 meatpurchases_never_seldom work_retired working nearfarm area_rural groceries_
> always, vce(r)

```

```

Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -452.34406
Iteration 2: Log pseudolikelihood = -452.31965
Iteration 3: Log pseudolikelihood = -452.31965

```

```

Probit regression                                Number of obs =    682
                                                Wald chi2(7) = 40.74
                                                Prob > chi2 = 0.0000
Log pseudolikelihood = -452.31965              Pseudo R2 = 0.0428

```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1127789	.0189107	-5.96	0.000	-.1498433	-.0757145
mea~r_seldom	.1554899	.2499012	0.62	0.534	-.3343075	.6452873
work_retired	.1100344	.0984529	1.12	0.264	-.0829297	.3029986
workinag	-.024274	.1389023	-0.17	0.861	-.2965176	.2479696
nearfarm	.119595	.1247574	0.96	0.338	-.1249251	.364115
area_rural	-.1345161	.134545	-1.00	0.317	-.3982196	.1291873
groceries~s	.0828197	.1051338	0.79	0.431	-.1232387	.2888782
_cons	.3808625	.1282836	2.97	0.003	.1294313	.6322938

. probit worker_1 worker_bid_1 work_fulltime workinag nearfarm area_rural groceries_always, vce(r)

Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -453.10401
Iteration 2: Log pseudolikelihood = -453.08371
Iteration 3: Log pseudolikelihood = -453.08371

Probit regression

Number of obs = 682

Wald chi2(6) = 39.19

Prob > chi2 = 0.0000

Pseudo R2 = 0.0412

Log pseudolikelihood = -453.08371

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1133877	.0188606	-6.01	0.000	-.1503538	-.0764216
work_fullt~e	.0251647	.1216993	0.21	0.836	-.2133616	.263691
workinag	-.0239032	.1383869	-0.17	0.863	-.2951365	.2473301
nearfarm	.1192559	.1251857	0.95	0.341	-.1261036	.3646154
area_rural	-.1235198	.1350304	-0.91	0.360	-.3881744	.1411349
groceries~s	.0881932	.1051538	0.84	0.402	-.1179045	.2942909
_cons	.426965	.1220662	3.50	0.000	.1877196	.6662104

. probit worker_1 worker_bid_1 work_notwork workinag nearfarm area_rural groceries_always, vce(r)

Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -451.70373
Iteration 2: Log pseudolikelihood = -451.6757
Iteration 3: Log pseudolikelihood = -451.6757

Probit regression

Number of obs = 682

Wald chi2(6) = 41.81

Prob > chi2 = 0.0000

Pseudo R2 = 0.0442

Log pseudolikelihood = -451.6757

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1139098	.0189098	-6.02	0.000	-.1509722	-.0768474
work_notwork	-.2213511	.1302959	-1.70	0.089	-.4767264	.0340243
workinag	-.0302917	.1388268	-0.22	0.827	-.3023872	.2418038
nearfarm	.1045539	.1255215	0.83	0.405	-.1414637	.3505715
area_rural	-.1094574	.1356678	-0.81	0.420	-.3753615	.1564466
groceries~s	.0857772	.1051766	0.82	0.415	-.1203651	.2919195
_cons	.4755539	.1228703	3.87	0.000	.2347326	.7163753

```
. probit worker_1 worker_bid_1 work_notwork area_rural groceries_always, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -452.06163
Iteration 2: Log pseudolikelihood = -452.03599
Iteration 3: Log pseudolikelihood = -452.03599
```

Probit regression

```
Number of obs = 682
Wald chi2(4) = 40.84
Prob > chi2 = 0.0000
Pseudo R2 = 0.0434
```

Log pseudolikelihood = -452.03599

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1138718	.0188342	-6.05	0.000	-.1507862	-.0769574
work_notwork	-.2289626	.1296947	-1.77	0.077	-.4831596	.0252344
area_rural	-.0674132	.121428	-0.56	0.579	-.3054076	.1705812
groceries_~s	.0908033	.1049869	0.86	0.387	-.1149673	.296574
_cons	.4863704	.121665	4.00	0.000	.2479114	.7248294

```
. probit worker_1 worker_bid_1 work_notwork area_small groceries_always, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -452.11614
Iteration 2: Log pseudolikelihood = -452.09051
Iteration 3: Log pseudolikelihood = -452.09051
```

Probit regression

```
Number of obs = 682
Wald chi2(4) = 40.71
Prob > chi2 = 0.0000
Pseudo R2 = 0.0433
```

Log pseudolikelihood = -452.09051

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1140847	.0188205	-6.06	0.000	-.1509723	-.0771971
work_notwork	-.2320131	.1296305	-1.79	0.073	-.4860842	.0220581
area_small	.0756397	.1707512	0.44	0.658	-.2590266	.410306
groceries_~s	.092308	.104688	0.88	0.378	-.1128767	.2974927
_cons	.4660556	.117592	3.96	0.000	.2355794	.6965317

```
. probit worker_1 worker_bid_1 work_notwork area_rural_small groceries_always, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -452.19149
Iteration 2: Log pseudolikelihood = -452.16784
Iteration 3: Log pseudolikelihood = -452.16784
```

Probit regression

```
Number of obs = 682
Wald chi2(4) = 40.30
Prob > chi2 = 0.0000
Pseudo R2 = 0.0431
```

Log pseudolikelihood = -452.16784

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1137178	.0188476	-6.03	0.000	-.1506585	-.0767772
work_notwork	-.230515	.1296612	-1.78	0.075	-.4846463	.0236163
area_rural~1	-.0222243	.1070463	-0.21	0.836	-.2320313	.1875826
groceries~s	.0953297	.104346	0.91	0.361	-.1091847	.299844
_cons	.4757753	.1219939	3.90	0.000	.2366717	.7148789

. probit worker_1 worker_bid_1 work_notwork area_urban groceries_always, vce(r)

Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -451.19489
Iteration 2: Log pseudolikelihood = -451.16256
Iteration 3: Log pseudolikelihood = -451.16256

Probit regression
Number of obs = 682
Wald chi2(4) = 42.38
Prob > chi2 = 0.0000
Pseudo R2 = 0.0452

Log pseudolikelihood = -451.16256

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.114725	.0188809	-6.08	0.000	-.1517308	-.0777191
work_notwork	-.2327164	.1295733	-1.80	0.072	-.4866755	.0212427
area_urban	.1546554	.1087763	1.42	0.155	-.0585422	.367853
groceries~s	.1014967	.1046034	0.97	0.332	-.1035222	.3065156
_cons	.4247756	.1216982	3.49	0.000	.1862516	.6632996

. probit worker_1 worker_bid_1 work_notwork area_suburban groceries_always, vce(r)

Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -451.5801
Iteration 2: Log pseudolikelihood = -451.55029
Iteration 3: Log pseudolikelihood = -451.55029

Probit regression
Number of obs = 682
Wald chi2(4) = 41.56
Prob > chi2 = 0.0000
Pseudo R2 = 0.0444

Log pseudolikelihood = -451.55029

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1147875	.0188662	-6.08	0.000	-.1517645	-.0778105
work_notwork	-.23741	.1296986	-1.83	0.067	-.4916146	.0167946
area_subur~n	-.1126115	.0995768	-1.13	0.258	-.3077785	.0825555
groceries~s	.1029986	.1047455	0.98	0.325	-.1022988	.308296
_cons	.5162397	.1238059	4.17	0.000	.2735847	.7588948

```
. probit worker_1 worker_bid_1 work_notwork area_urban_suburban groceries_always, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -452.19149
Iteration 2: Log pseudolikelihood = -452.16784
Iteration 3: Log pseudolikelihood = -452.16784
```

```
Probit regression                               Number of obs =    682
                                                Wald chi2(4) =   40.30
                                                Prob > chi2    =  0.0000
Log pseudolikelihood = -452.16784              Pseudo R2     =  0.0431
```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1137178	.0188476	-6.03	0.000	-.1506585	-.0767772
work_notwork	-.230515	.1296612	-1.78	0.075	-.4846463	.0236163
area_urban~n	.0222243	.1070463	0.21	0.836	-.1875826	.2320313
groceries_~s	.0953297	.104346	0.91	0.361	-.1091847	.299844
_cons	.453551	.138438	3.28	0.001	.1822175	.7248844

```
. probit worker_1 worker_bid_1 work_notwork groceries_always, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -452.21293
Iteration 2: Log pseudolikelihood = -452.18935
Iteration 3: Log pseudolikelihood = -452.18935
```

```
Probit regression                               Number of obs =    682
                                                Wald chi2(3) =   40.24
                                                Prob > chi2    =  0.0000
Log pseudolikelihood = -452.18935              Pseudo R2     =  0.0431
```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1137783	.0188451	-6.04	0.000	-.150714	-.0768425
work_notwork	-.2315007	.1295273	-1.79	0.074	-.4853695	.022368
groceries_~s	.0959519	.1042323	0.92	0.357	-.1083396	.3002434
_cons	.4691955	.1172729	4.00	0.000	.2393449	.6990461

```
. global workervars3_est _b[_cons] + work_notwork_mn*_b[work_notwork] + groceries_always_mn*_b[groceries_always]
> s]
```

```
. nlcom (wtp:(-1*($workervars3_est)/_b[worker_bid_1]))
```

```
      wtp: (-1*( _b[_cons] + work_notwork_mn*_b[work_notwork] + groceries_always_mn*_b[groceries_always])/_b
> [worker_bid_1])
```

worker_1	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
wtp	4.342799	.4334644	10.02	0.000	3.493225	5.192374

```
. probit worker_1 worker_bid_1 female black bach_higher income lean_middle enviro vegetarian facfarm_unethical
> work_notwork groceries_always, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -427.66648
Iteration 2: Log pseudolikelihood = -427.61589
Iteration 3: Log pseudolikelihood = -427.61589
```

Probit regression

```
Number of obs = 682
Wald chi2(11) = 88.06
Prob > chi2 = 0.0000
Pseudo R2 = 0.0951
```

Log pseudolikelihood = -427.61589

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1210667	.0193313	-6.26	0.000	-.1589554	-.0831781
female	.3401067	.1205329	2.82	0.005	.1038666	.5763469
black	-.2156485	.1410856	-1.53	0.126	-.4921712	.0608743
bach_higher	.0990645	.1220557	0.81	0.417	-.1401603	.3382893
income	-3.03e-07	1.22e-06	-0.25	0.804	-2.70e-06	2.09e-06
lean_middle	.0887527	.1452708	0.61	0.541	-.1959729	.3734783
enviro	.3012063	.113125	2.66	0.008	.0794853	.5229273
vegetarian	-.0721882	.168719	-0.43	0.669	-.4028714	.258495
facfarm_un~1	.5503018	.1356516	4.06	0.000	.2844296	.8161741
work_notwork	-.1715123	.1346065	-1.27	0.203	-.4353362	.0923117
groceries_~s	.0381651	.1070217	0.36	0.721	-.1715935	.2479238
_cons	.1421307	.2283284	0.62	0.534	-.3053848	.5896461

```
. probit pig_1 pig_bid_1 female black bach_higher income lean_middle enviro vegetarian facfarm_unethical work_
> notwork groceries_always, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -414.88953
Iteration 2: Log pseudolikelihood = -414.86502
Iteration 3: Log pseudolikelihood = -414.86502
```

Probit regression

```
Number of obs = 682
Wald chi2(11) = 102.69
Prob > chi2 = 0.0000
Pseudo R2 = 0.1175
```

Log pseudolikelihood = -414.86502

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.148531	.0197232	-7.53	0.000	-.1871877	-.1098742
female	.1541636	.1242986	1.24	0.215	-.0894571	.3977843
black	.040955	.1392918	0.29	0.769	-.2320518	.3139618
bach_higher	.0993951	.1213923	0.82	0.413	-.1385293	.3373196
income	-2.91e-06	1.23e-06	-2.37	0.018	-5.32e-06	-5.04e-07
lean_middle	.2645504	.1480833	1.79	0.074	-.0256874	.5547883
enviro	.1965332	.1113918	1.76	0.078	-.0217907	.414857
vegetarian	-.1569611	.165758	-0.95	0.344	-.4818408	.1679185
facfarm_un~1	.6939648	.1333073	5.21	0.000	.4326872	.9552424
work_notwork	-.2921439	.1424989	-2.05	0.040	-.5714366	-.0128513
groceries_~s	.1413334	.1094007	1.29	0.196	-.073088	.3557548
_cons	.3192104	.2262262	1.41	0.158	-.1241849	.7626057

```
. probit pig_1 pig_bid_1 female black income lean_middle enviro vegetarian facfarm_unethical work_network, vce
> (r)
```

```
Iteration 0: Log pseudolikelihood = -470.08367
Iteration 1: Log pseudolikelihood = -416.09554
Iteration 2: Log pseudolikelihood = -416.07594
Iteration 3: Log pseudolikelihood = -416.07594
```

```
Probit regression                               Number of obs =    682
                                                Wald chi2(9) =  102.74
                                                Prob > chi2   =  0.0000
Log pseudolikelihood = -416.07594              Pseudo R2    =  0.1149
```

pig_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
pig_bid_1	-.1473965	.0195802	-7.53	0.000	-.1857731	-.1090199
female	.1547822	.12402	1.25	0.212	-.0882924	.3978569
black	.0302935	.1387969	0.22	0.827	-.2417433	.3023304
income	-2.55e-06	1.14e-06	-2.24	0.025	-4.78e-06	-3.21e-07
lean_middle	.2407002	.1466784	1.64	0.101	-.0467842	.5281846
enviro	.2082932	.1116621	1.87	0.062	-.0105605	.4271469
vegetarian	-.1503481	.1650891	-0.91	0.362	-.4739168	.1732206
facfarm_un~l	.7134918	.1314983	5.43	0.000	.4557598	.9712238
work_network	-.3063662	.1426652	-2.15	0.032	-.5859849	-.0267476
_cons	.4146495	.2181689	1.90	0.057	-.0129536	.8422526

```
. probit worker_1 worker_bid_1 female black income lean_middle enviro vegetarian facfarm_unethical work_notwor
> k, vce(r)
```

```
Iteration 0: Log pseudolikelihood = -472.53868
Iteration 1: Log pseudolikelihood = -428.07984
Iteration 2: Log pseudolikelihood = -428.03468
Iteration 3: Log pseudolikelihood = -428.03468
```

```
Probit regression                               Number of obs =    682
                                                Wald chi2(9) =   87.12
                                                Prob > chi2   =  0.0000
Log pseudolikelihood = -428.03468              Pseudo R2    =  0.0942
```

worker_1	Coefficient	Robust std. err.	z	P> z	[95% conf. interval]	
worker_bid_1	-.1217217	.0193343	-6.30	0.000	-.1596162	-.0838272
female	.3371177	.1201859	2.80	0.005	.1015576	.5726778
black	-.2172306	.1405167	-1.55	0.122	-.4926382	.0581769
income	2.45e-08	1.13e-06	0.02	0.983	-2.19e-06	2.24e-06
lean_middle	.0826318	.1451585	0.57	0.569	-.2018736	.3671372
enviro	.3079899	.112748	2.73	0.006	.0870079	.5289719
vegetarian	-.0749977	.1683081	-0.45	0.656	-.4048755	.2548801
facfarm_un~l	.5694372	.1339679	4.25	0.000	.306865	.8320094
work_network	-.1833935	.1346384	-1.36	0.173	-.4472799	.080493
_cons	.1850331	.2196538	0.84	0.400	-.2454804	.6155466

```
. save "\\smb-isl01.fsu.edu\citrix\shsu\Desktop\animals\animal products data 06_19_2025_fixed_ed_682_2.dta", r
> eplace
file \\smb-isl01.fsu.edu\citrix\shsu\Desktop\animals\animal products data 06_19_2025_fixed_ed_682_2.dta
  saved

. log close
  name: <unnamed>
  log:  \\smb-isl01.fsu.edu\citrix\shsu\Desktop\animals\2025_06_19_log2.smcl
  log type: smcl
closed on: 20 Jun 2025, 15:01:47
```
